

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#4

Applicant: Patrick W. McManus et al.

Serial No.: 09/977,721

Filed: October 15, 2001

Title: Mechanism for Improving the
Sealing Function for a Slide Out
Room of a Recreational Vehicle

GriyoArt Unit: 3635

Examiner:

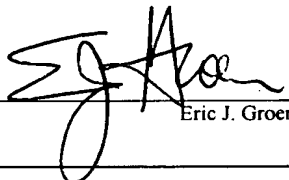
Docket No.: DEW0008.05.1

CERTIFICATION UNDER 37 CFR 1.8

COPY OF PAPERS
ORIGINALLY FILED

I hereby certify that, on the date shown below, this
correspondence is being deposited with the United States
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Date: January 21, 2002



Eric J. Groen

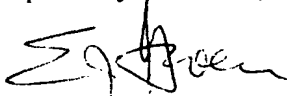
SUBMISSION OF FORMAL DRAWINGS

Honorable Commissioner for Patents
Washington, D.C. 20231

Sir:

Enclosed herewith are sixty-four (64) sheets of formal drawings for the above-identified
application.

Respectfully submitted,



Eric J. Groen
Registration No. 32,230
Attorney for Applicant
BAKER & DANIELS
205 West Jefferson Blvd., Suite 250
South Bend, IN 46601
Telephone: (219)234-4149
Facsimile: (219)239-1900

Enclosures: Return Postcard
Formal Drawings (64 Sheets)

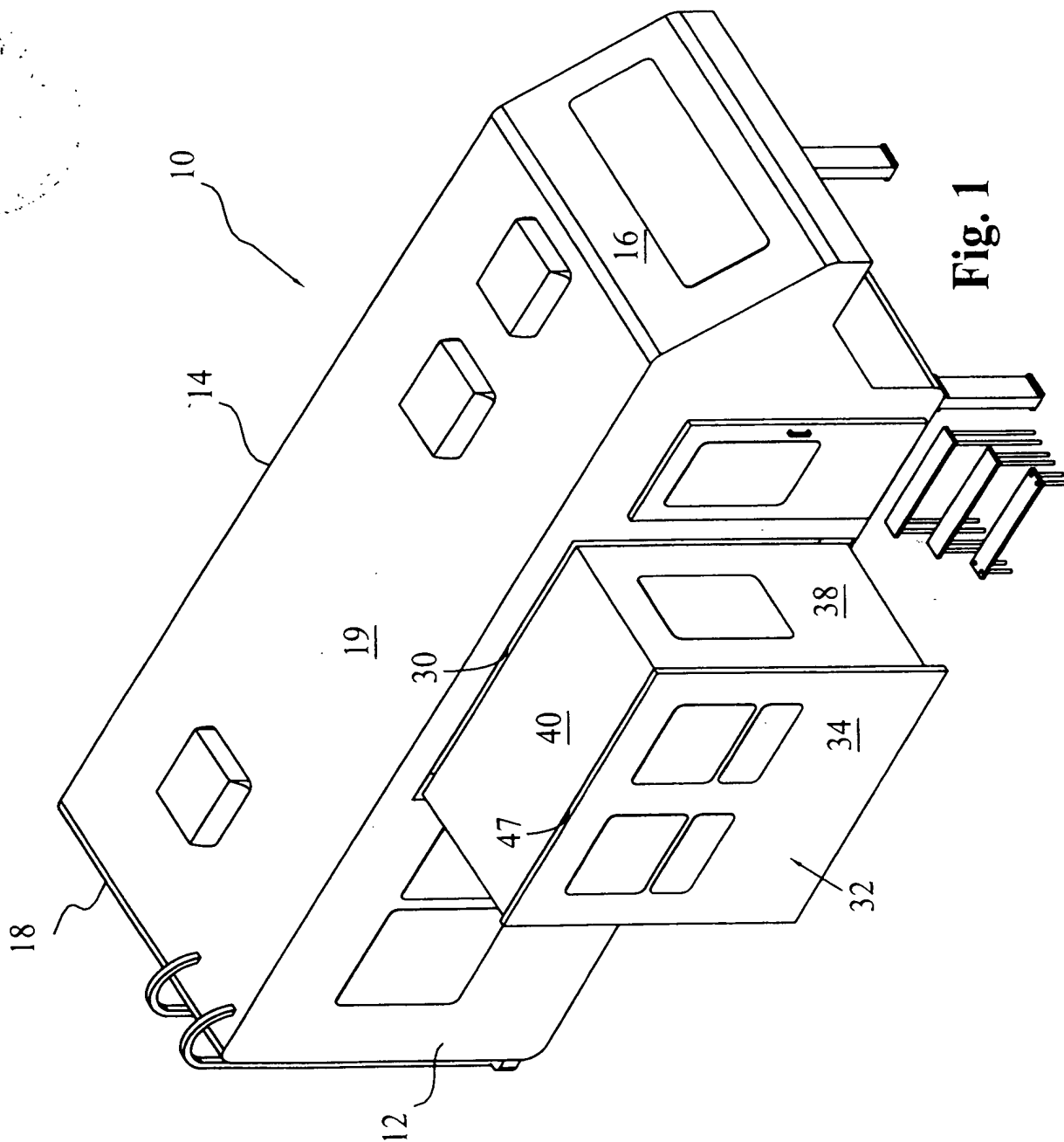
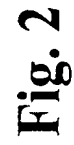


Fig. 1



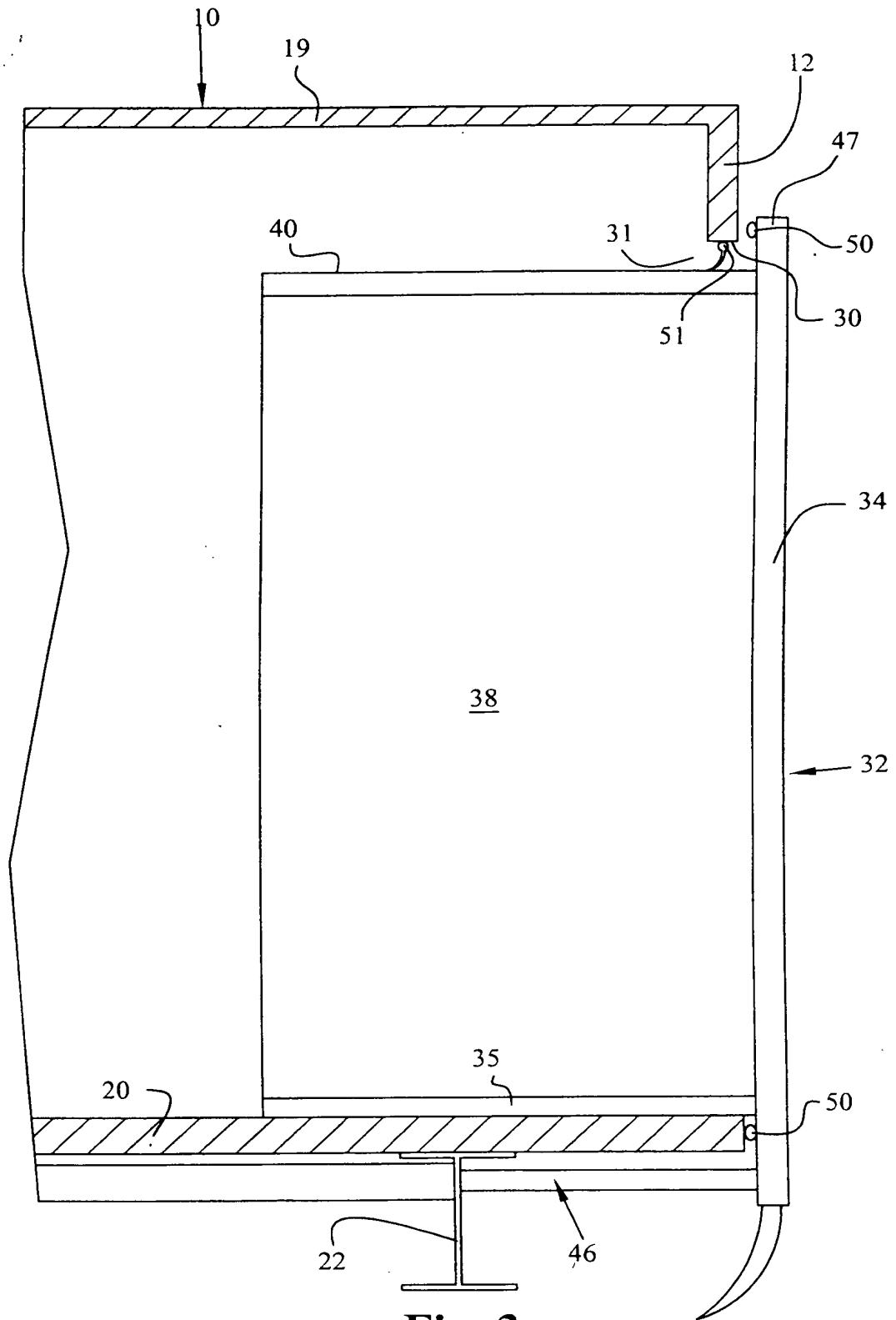


Fig. 3

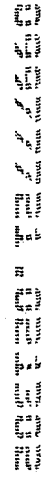


Fig. 4



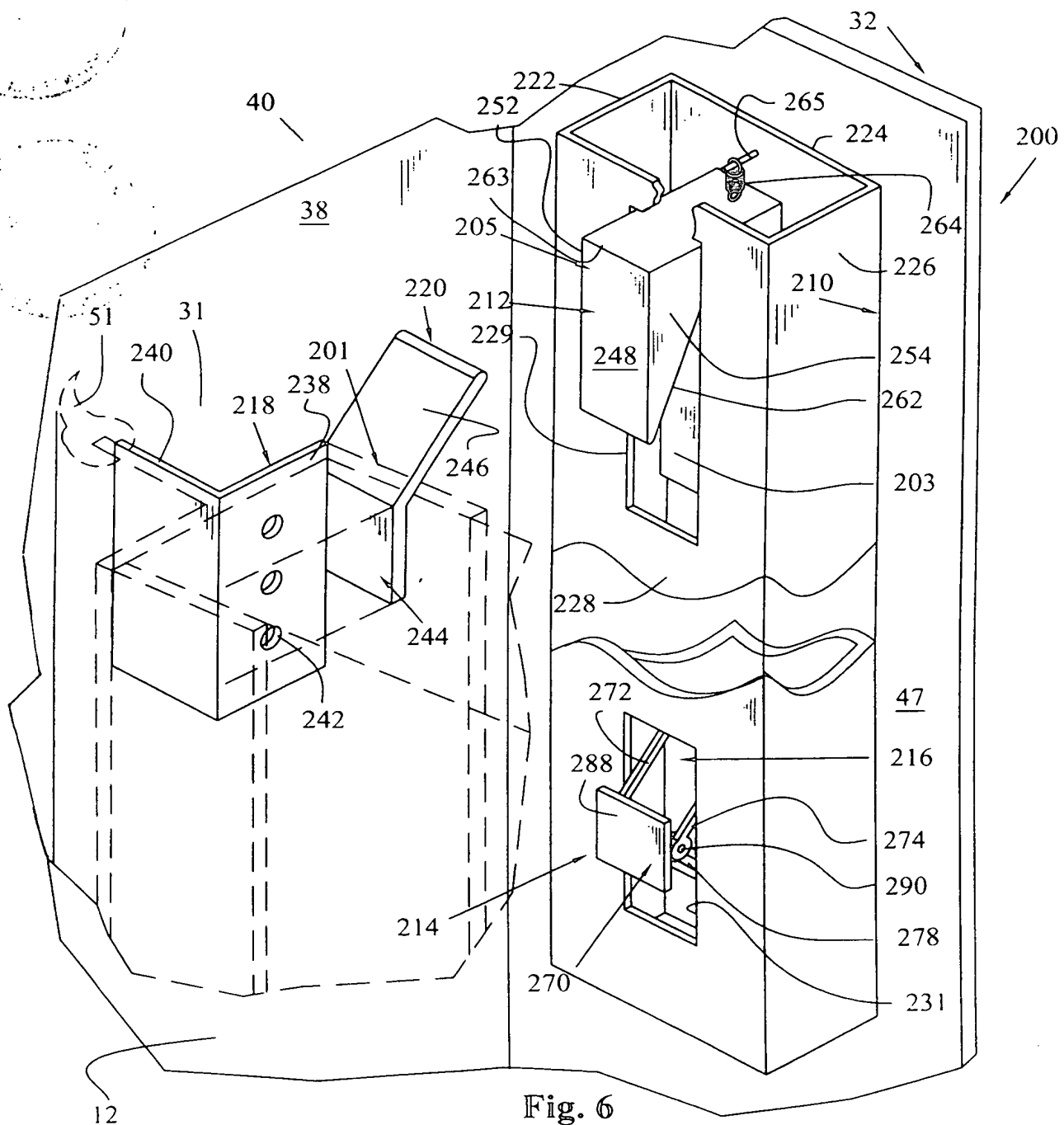
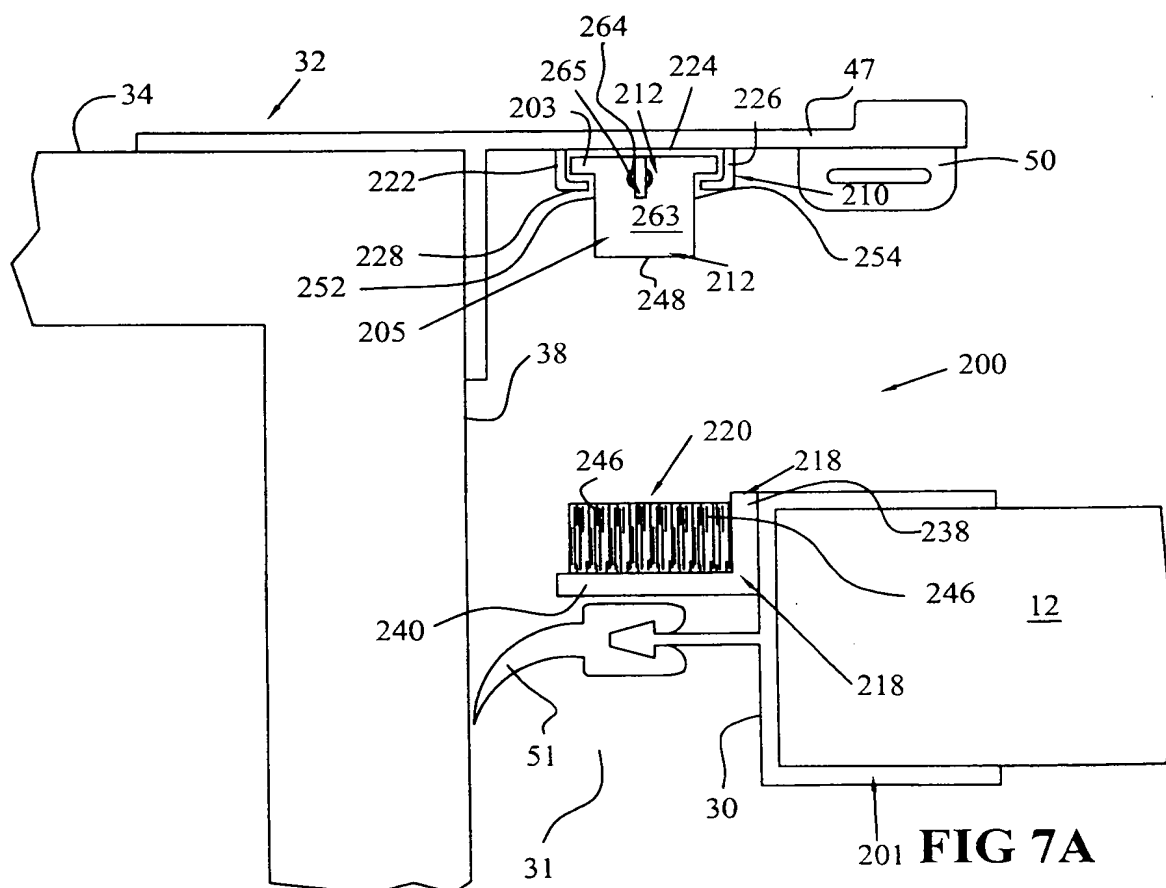
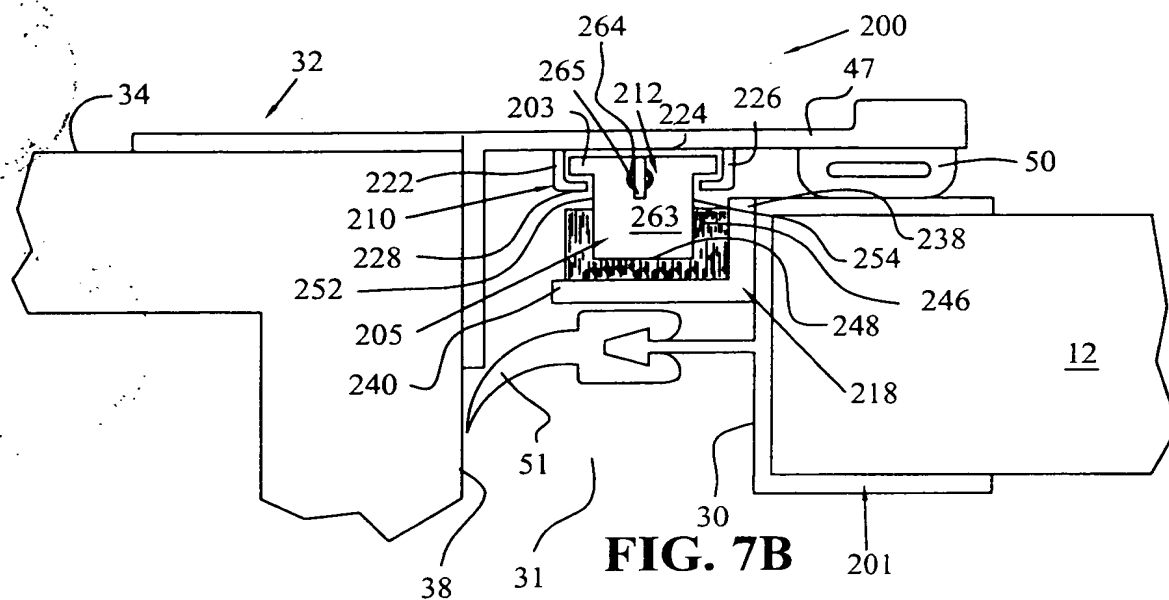


Fig. 6



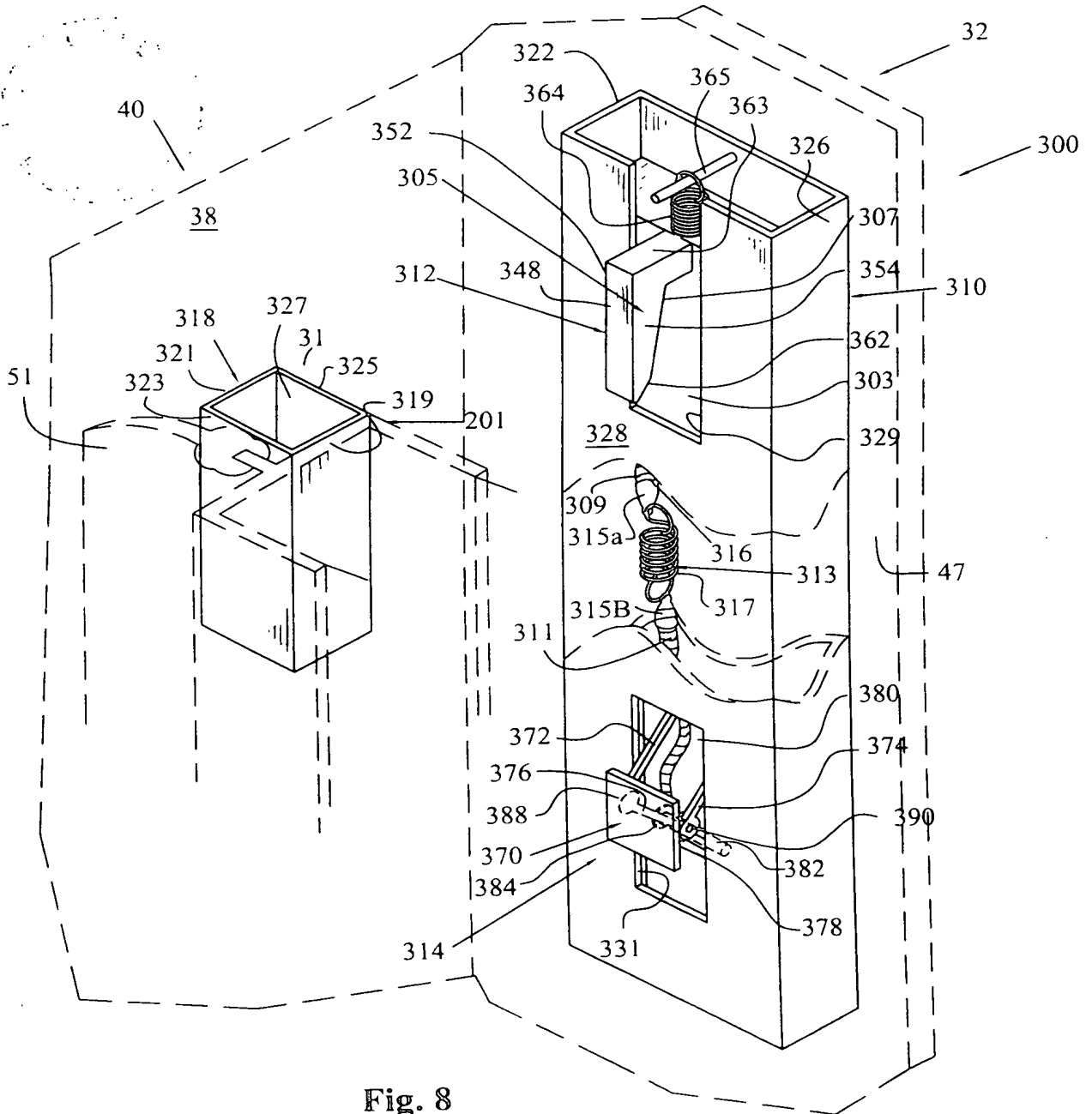


Fig. 8

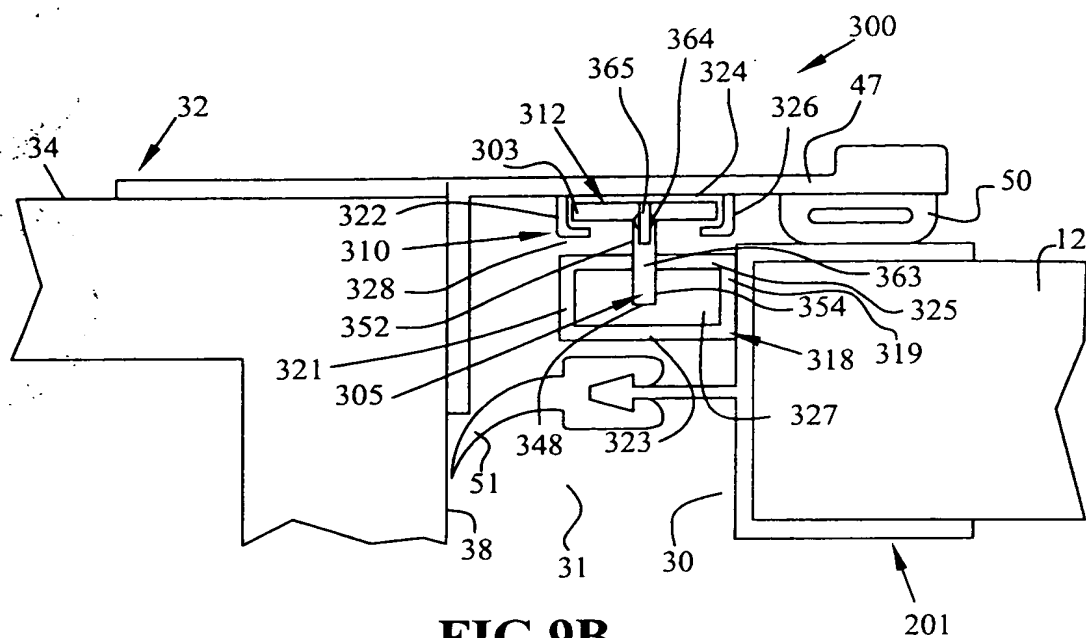


FIG 9B

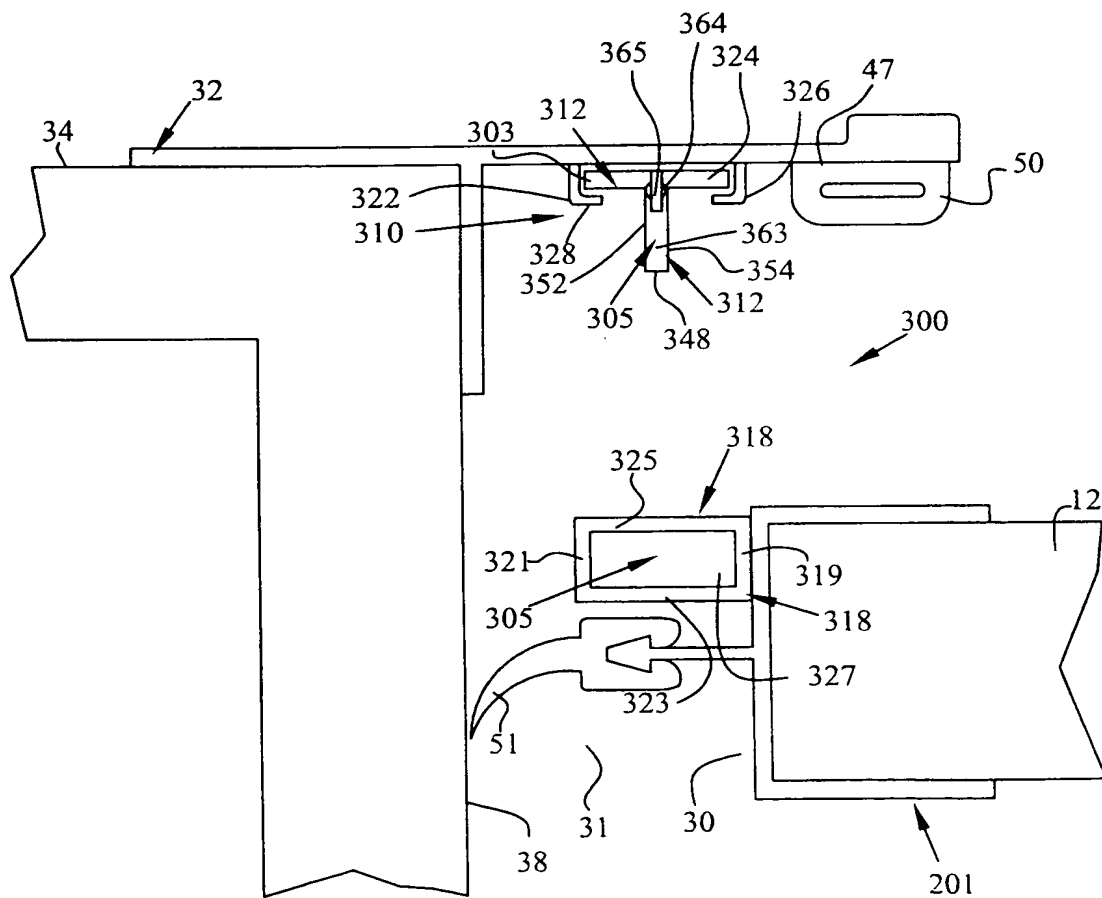


FIG 9A

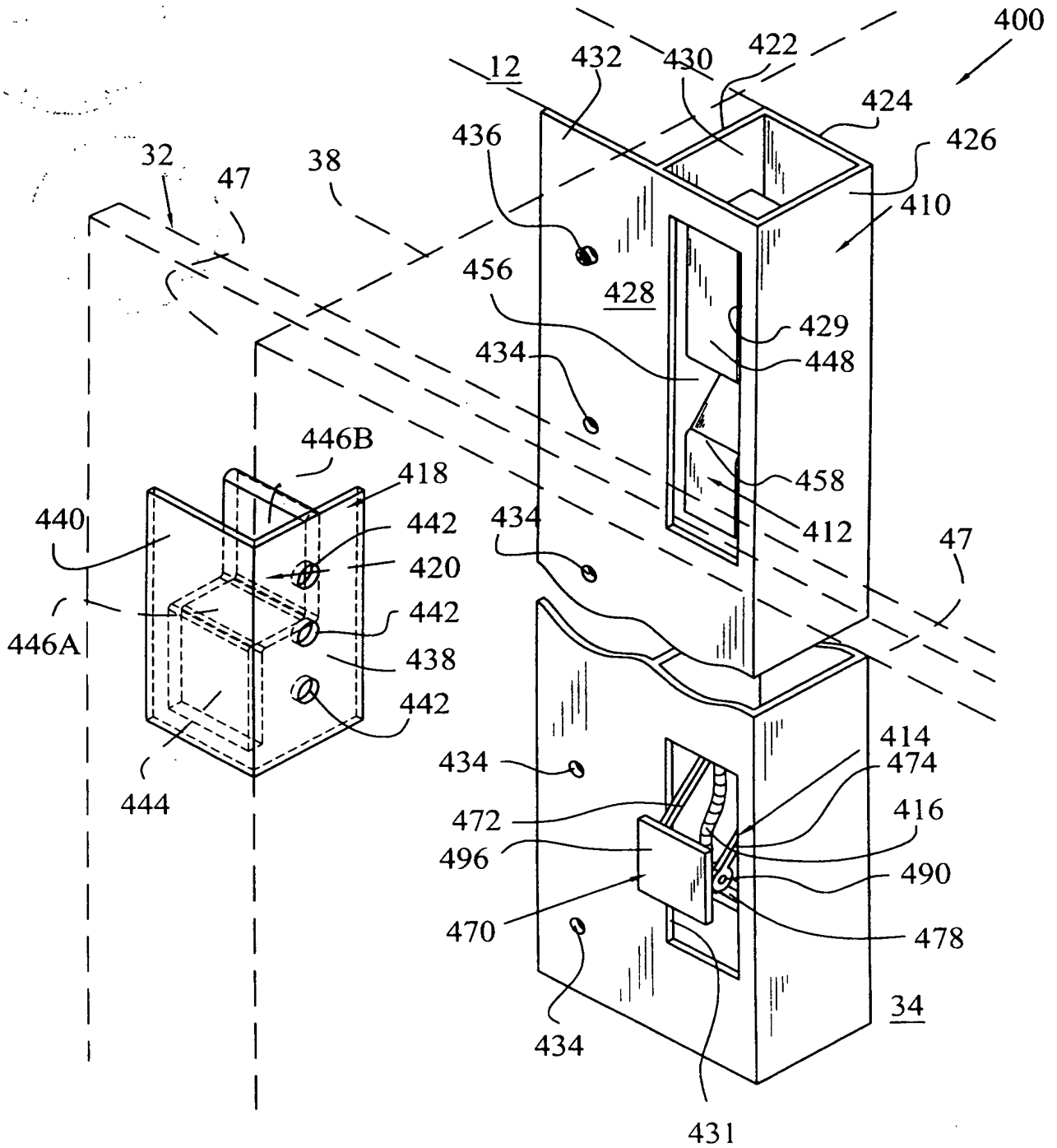


Fig. 10

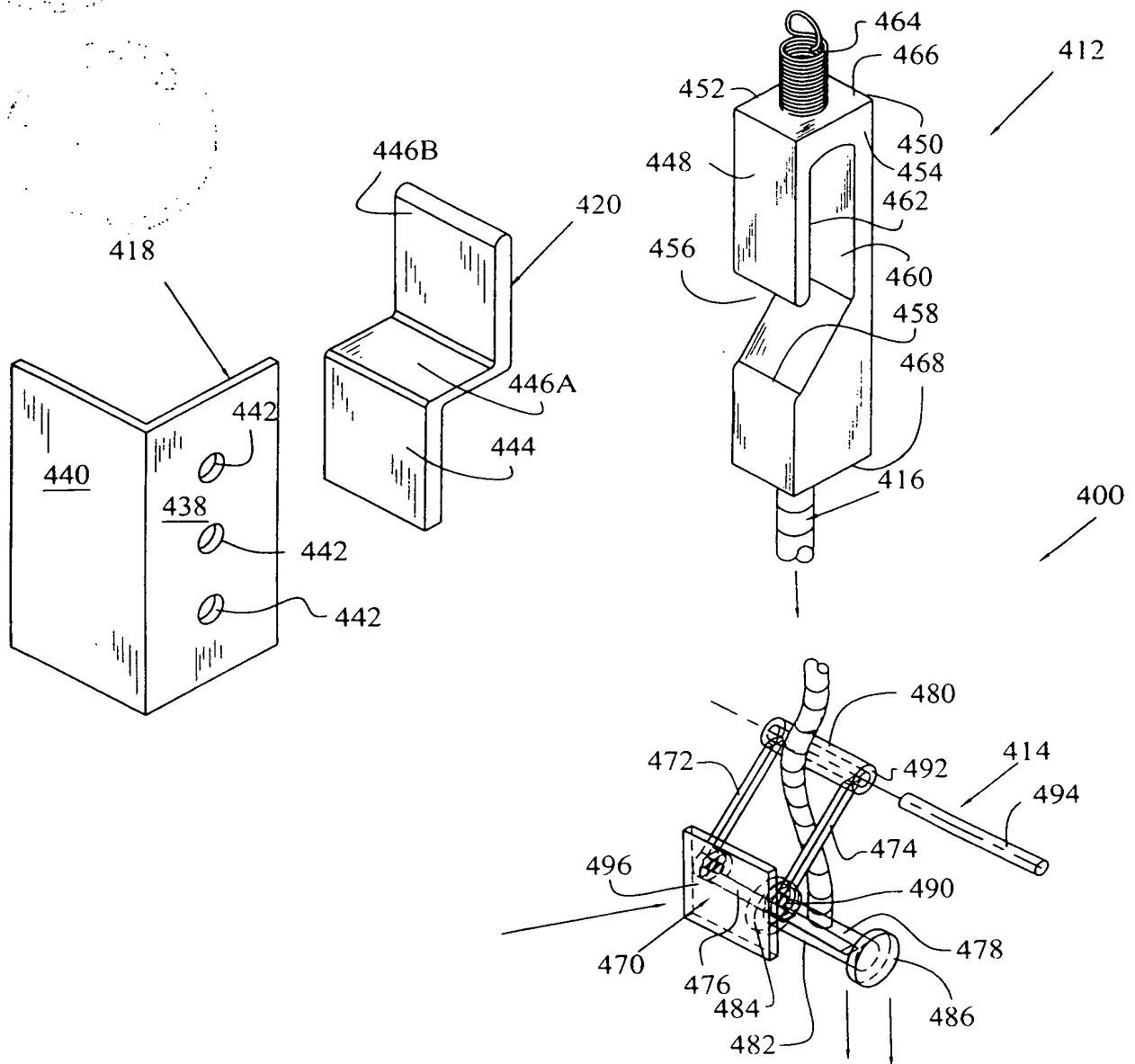


Fig. 11

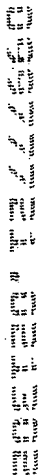


Fig. 12



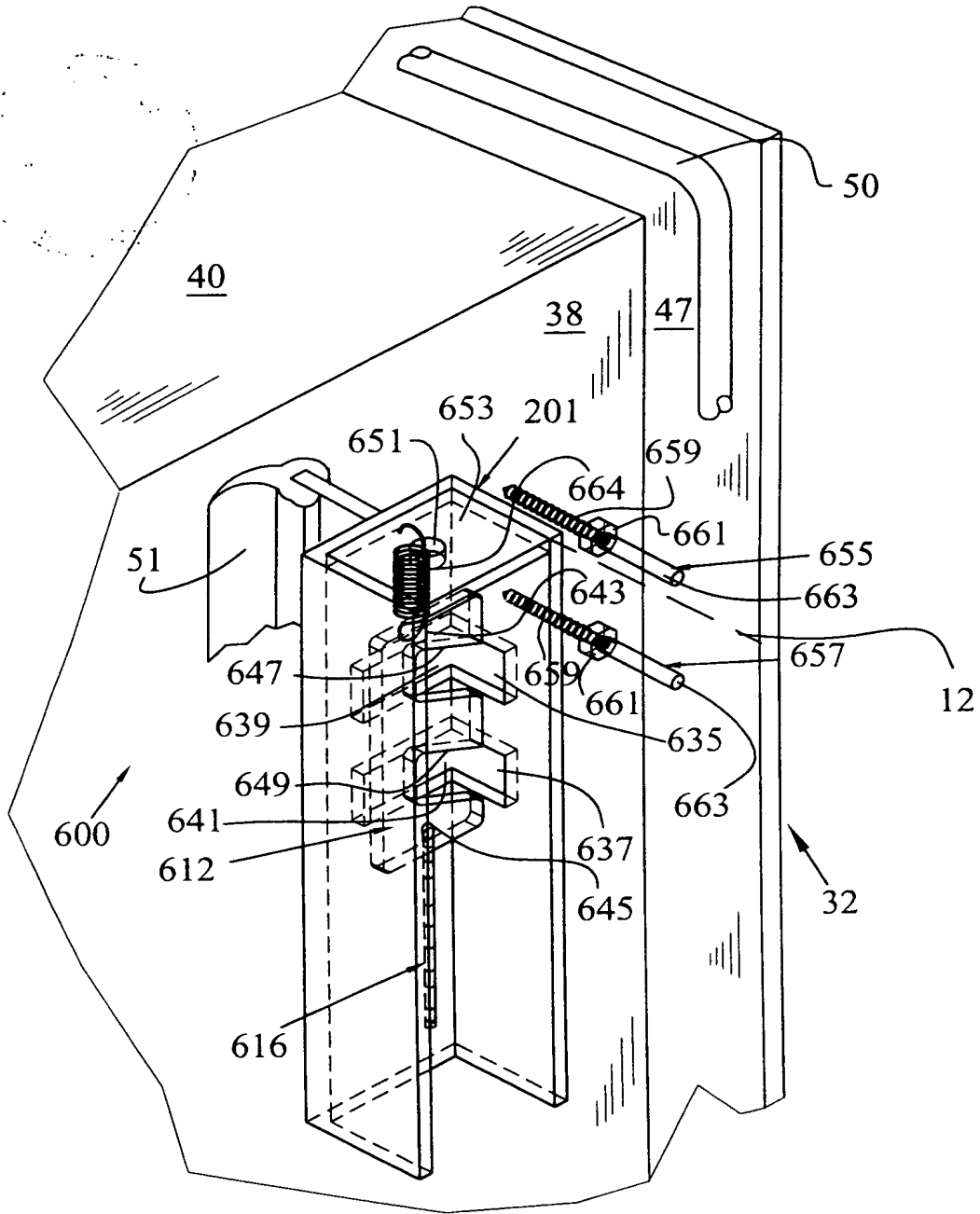
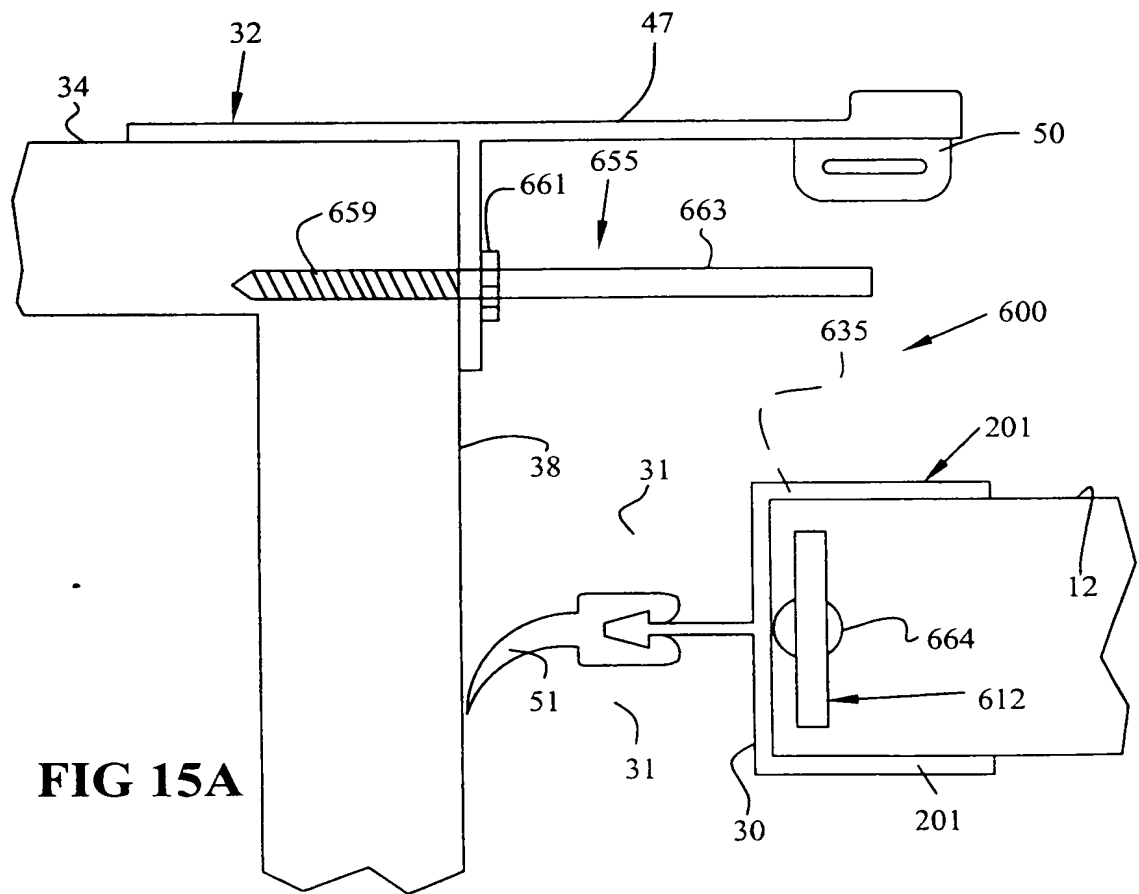
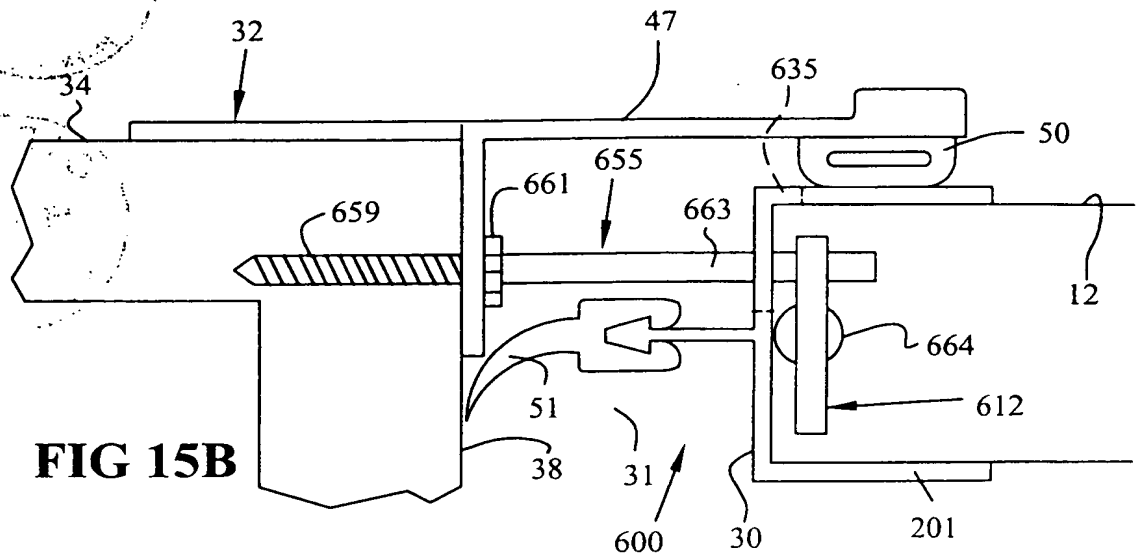


Fig. 14





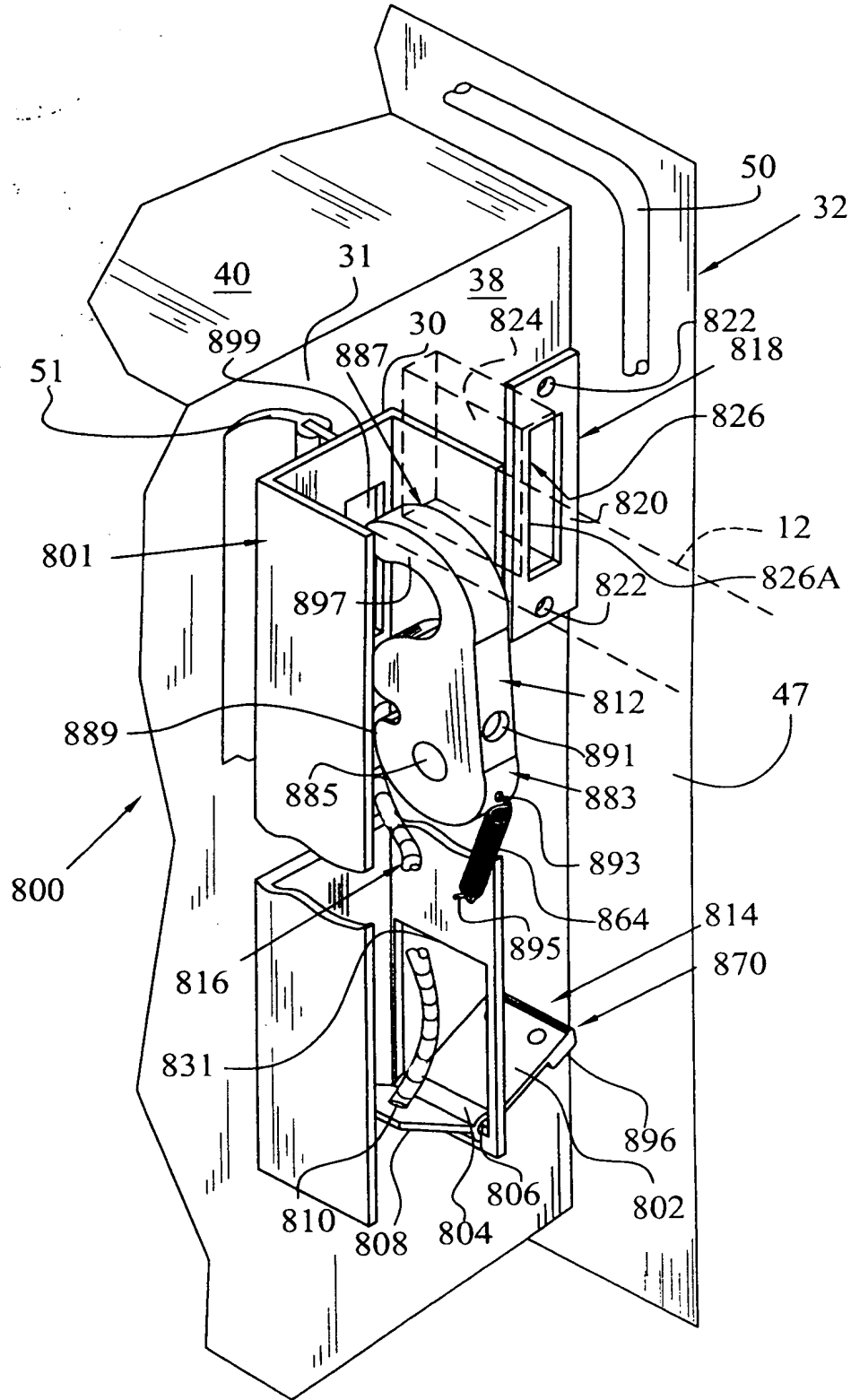
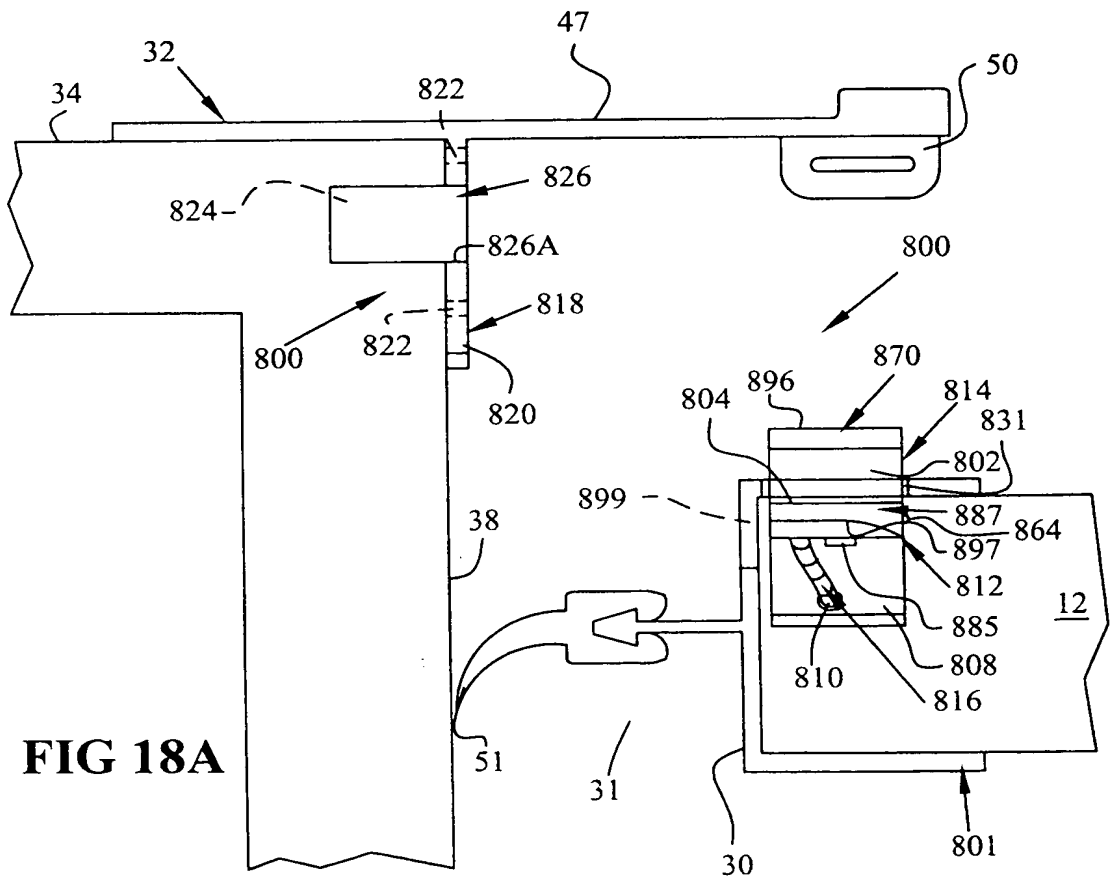
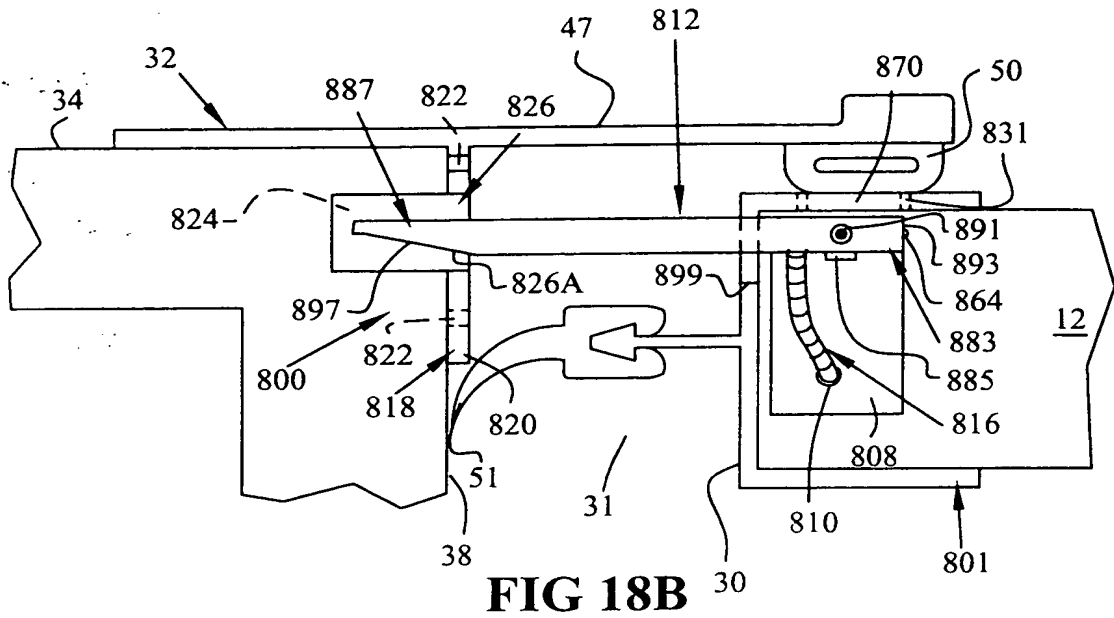


Fig. 17



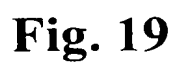


Fig. 19

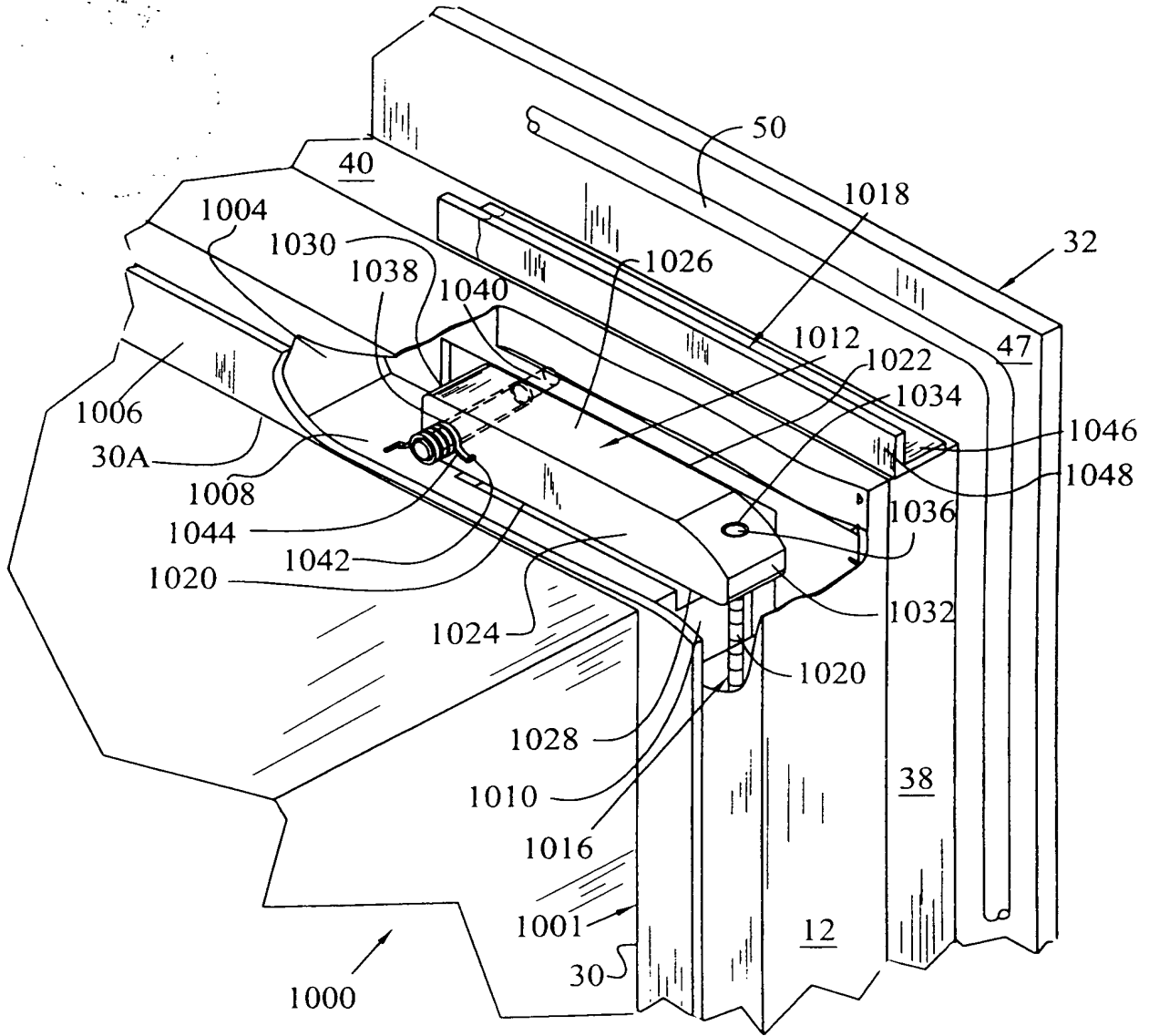


Fig. 20

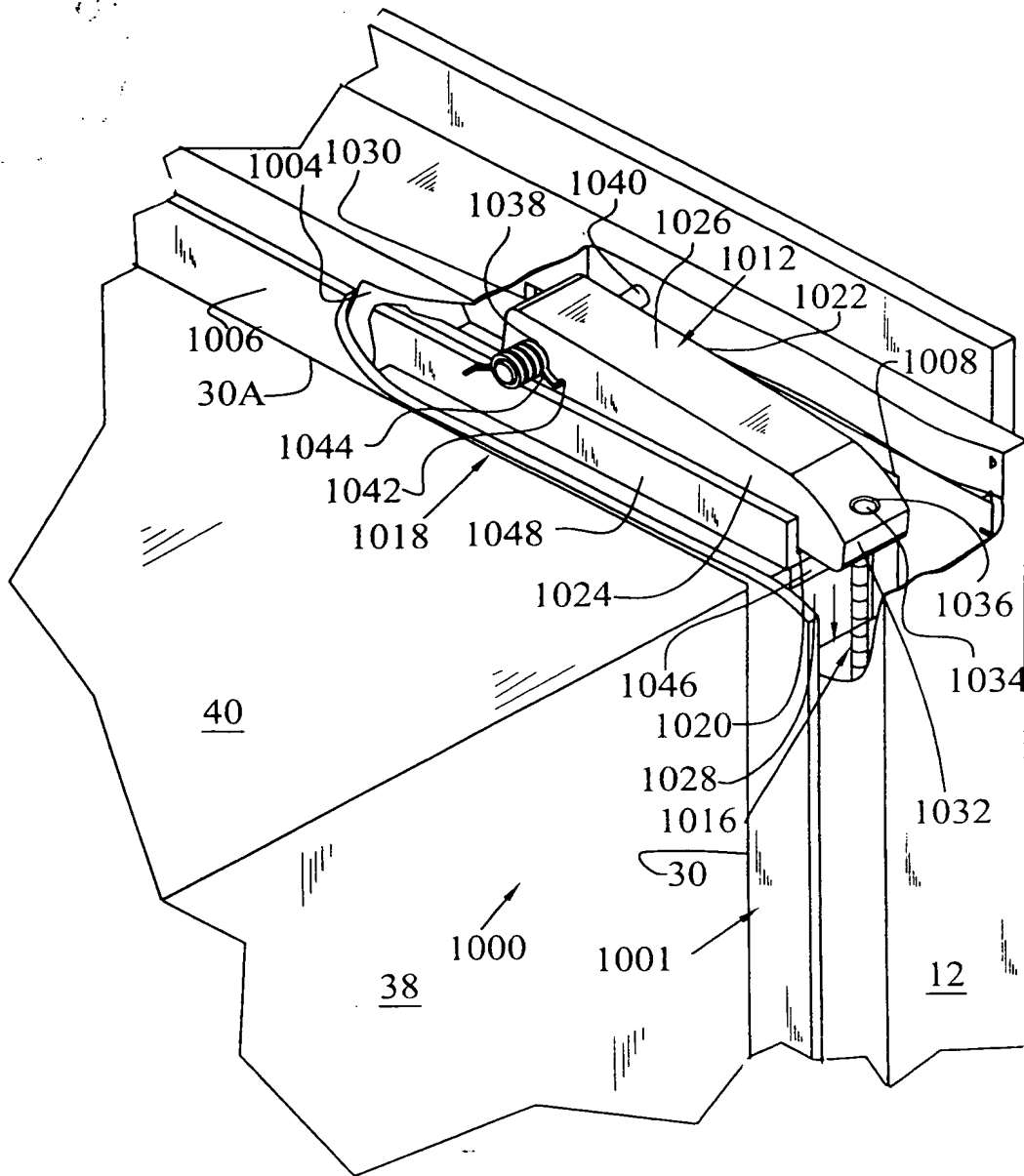


Fig. 21

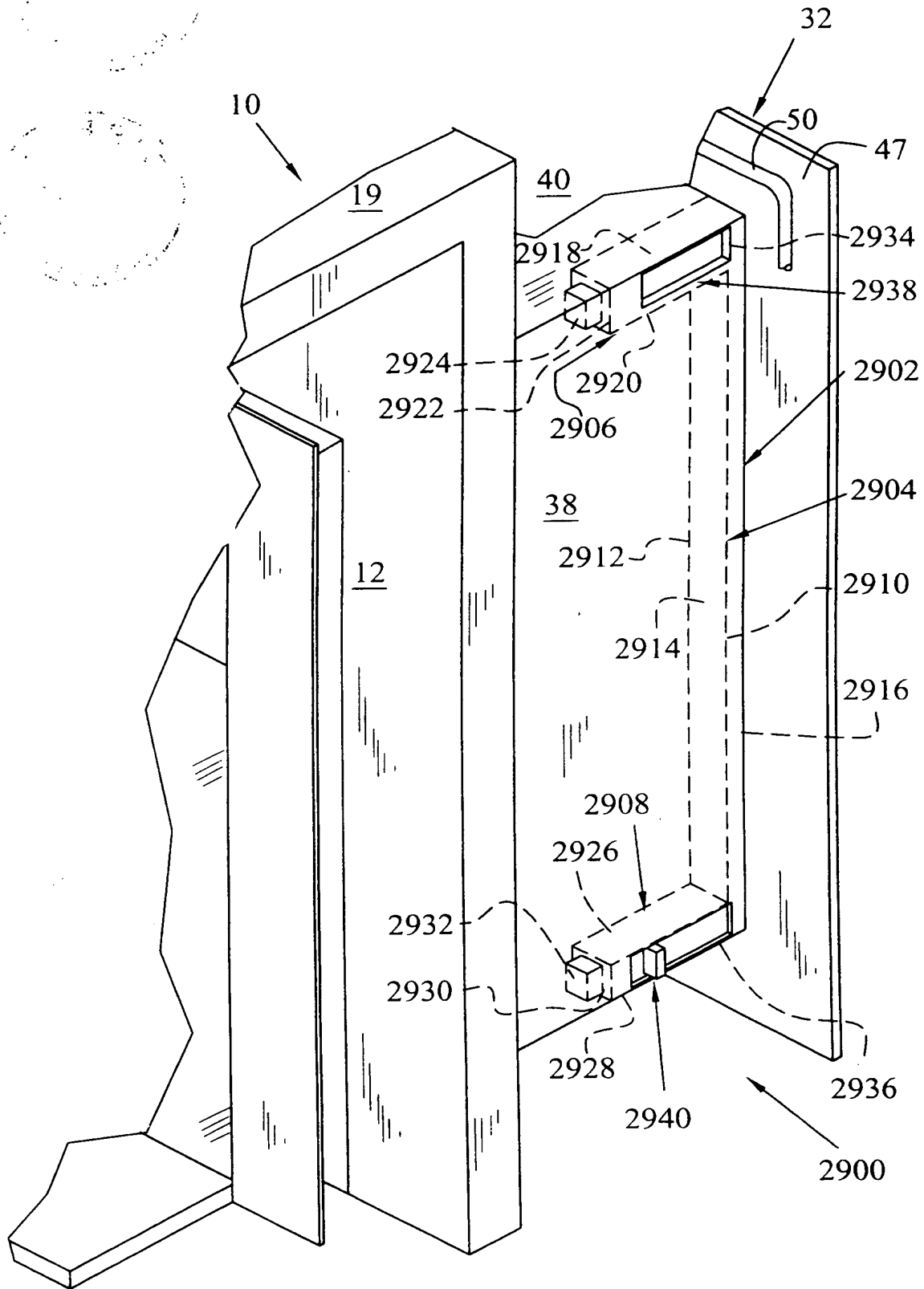


Fig. 22

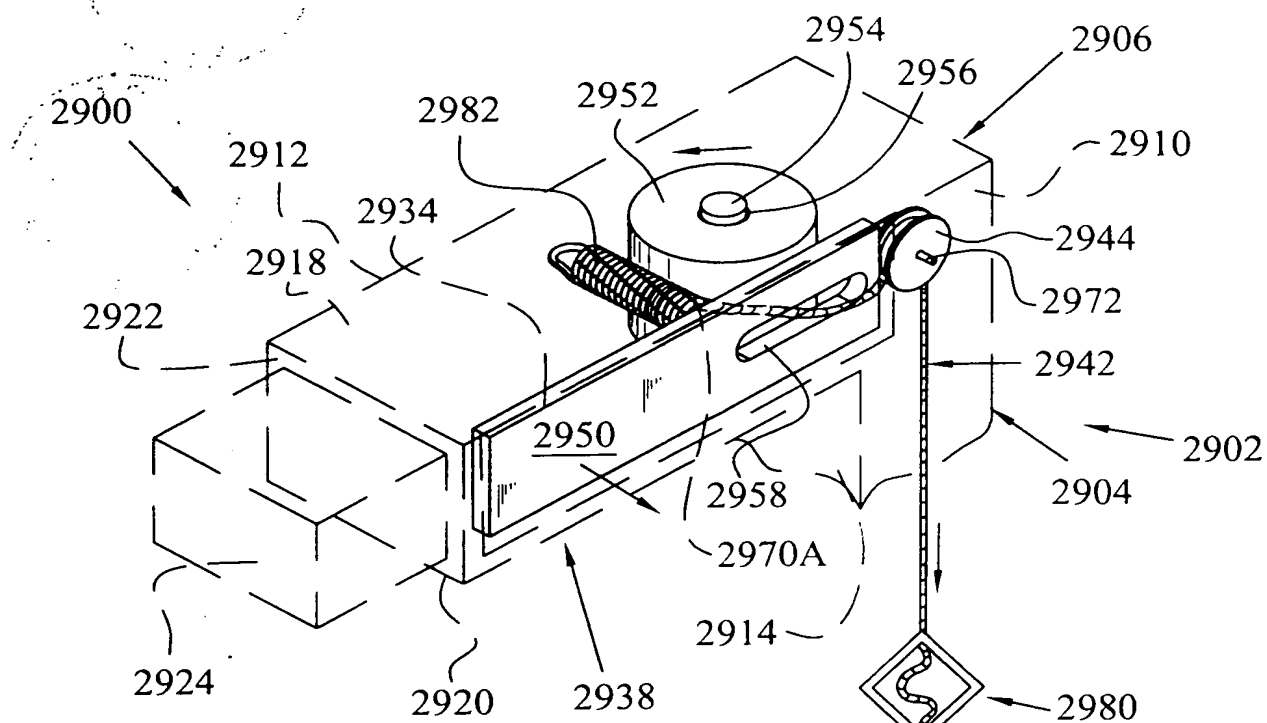
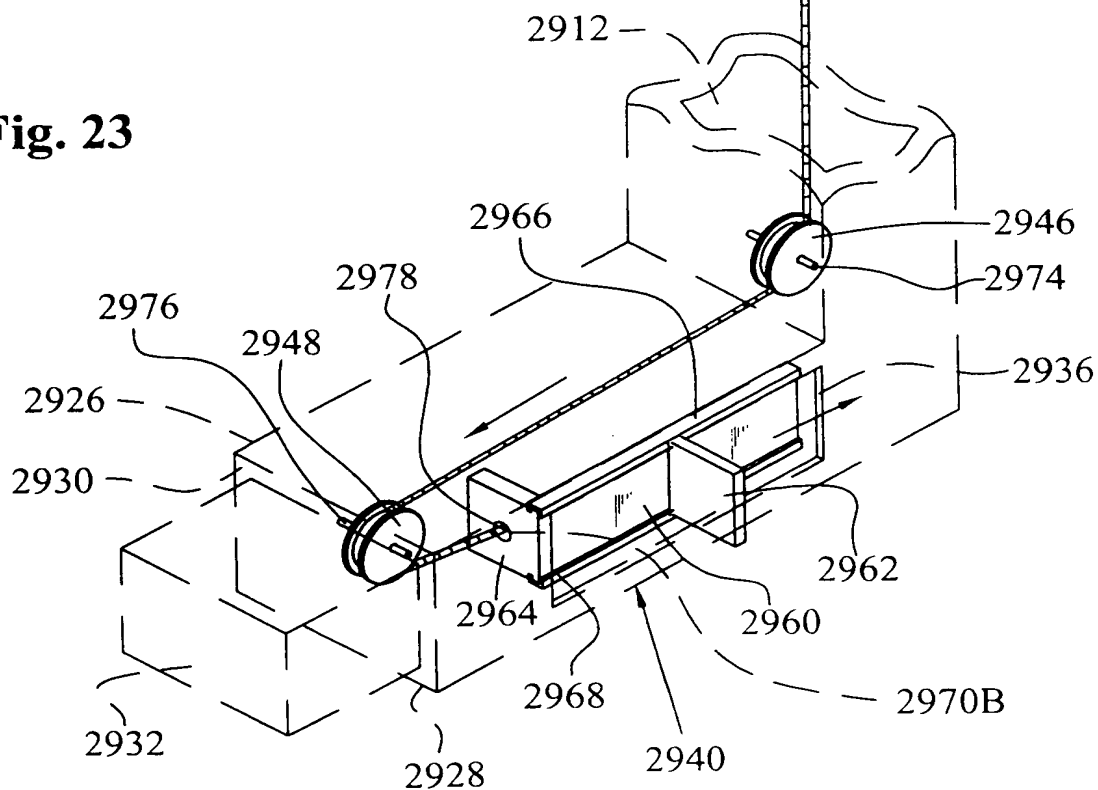


Fig. 23



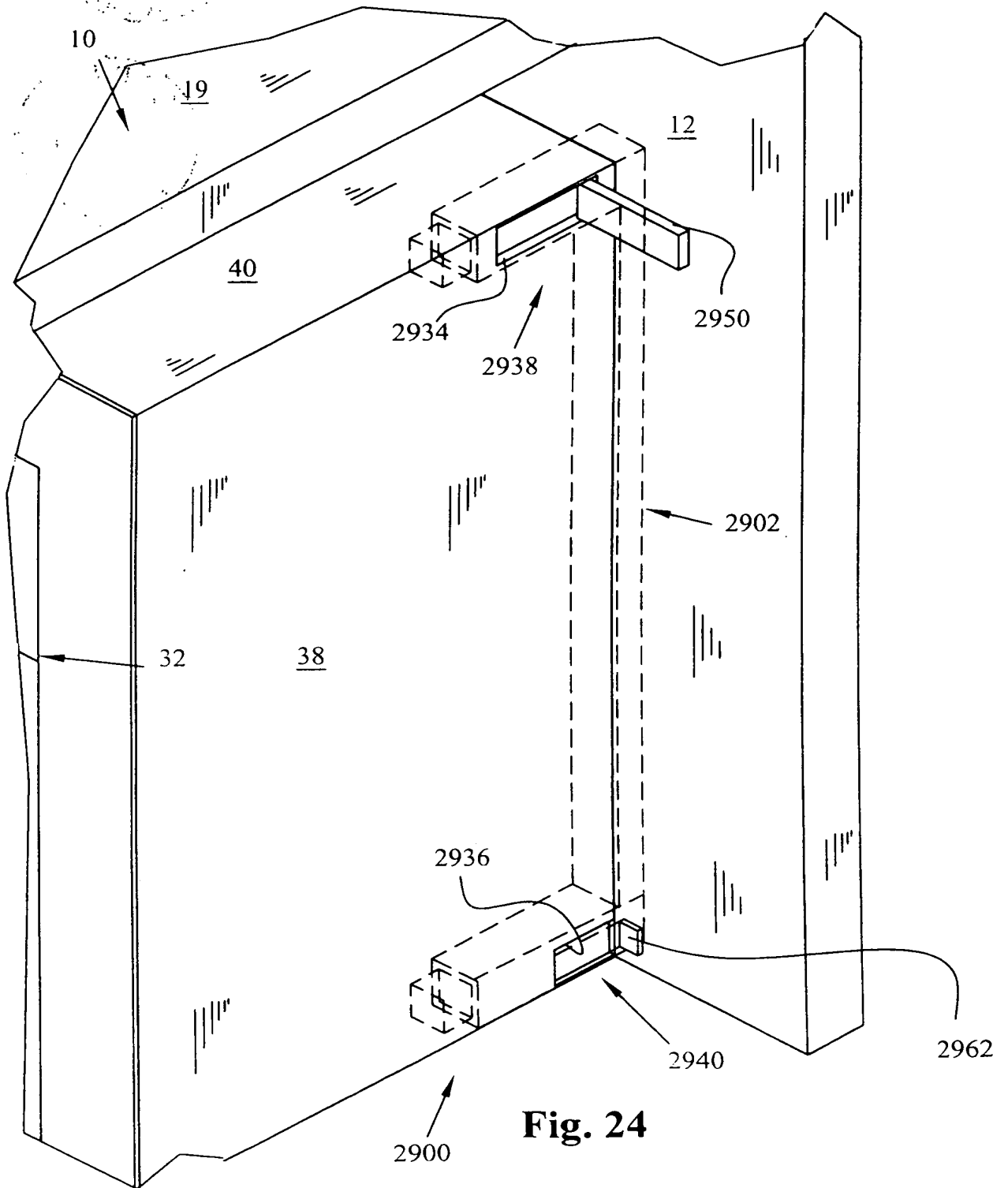
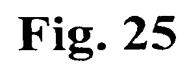


Fig. 24



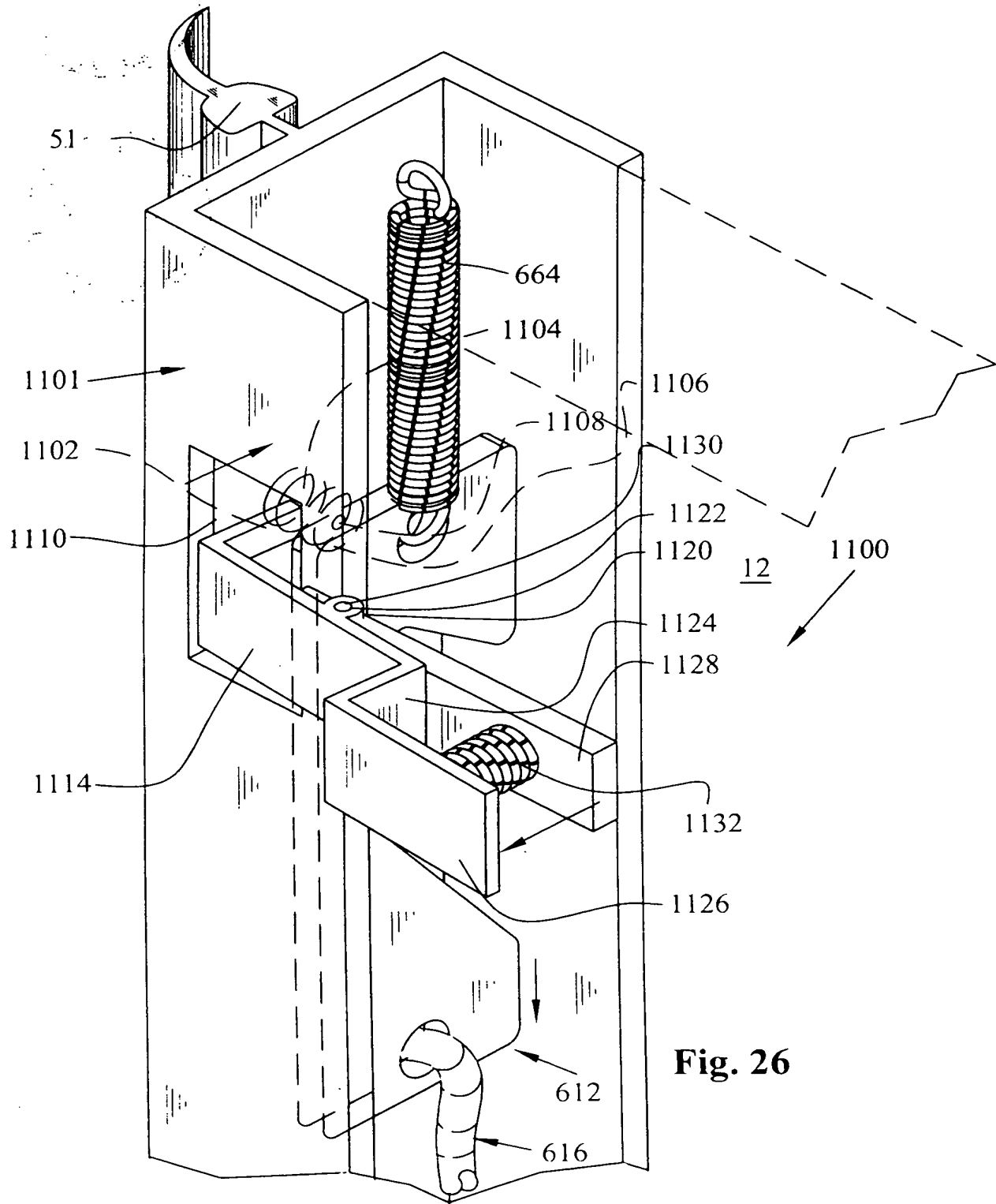


Fig. 26

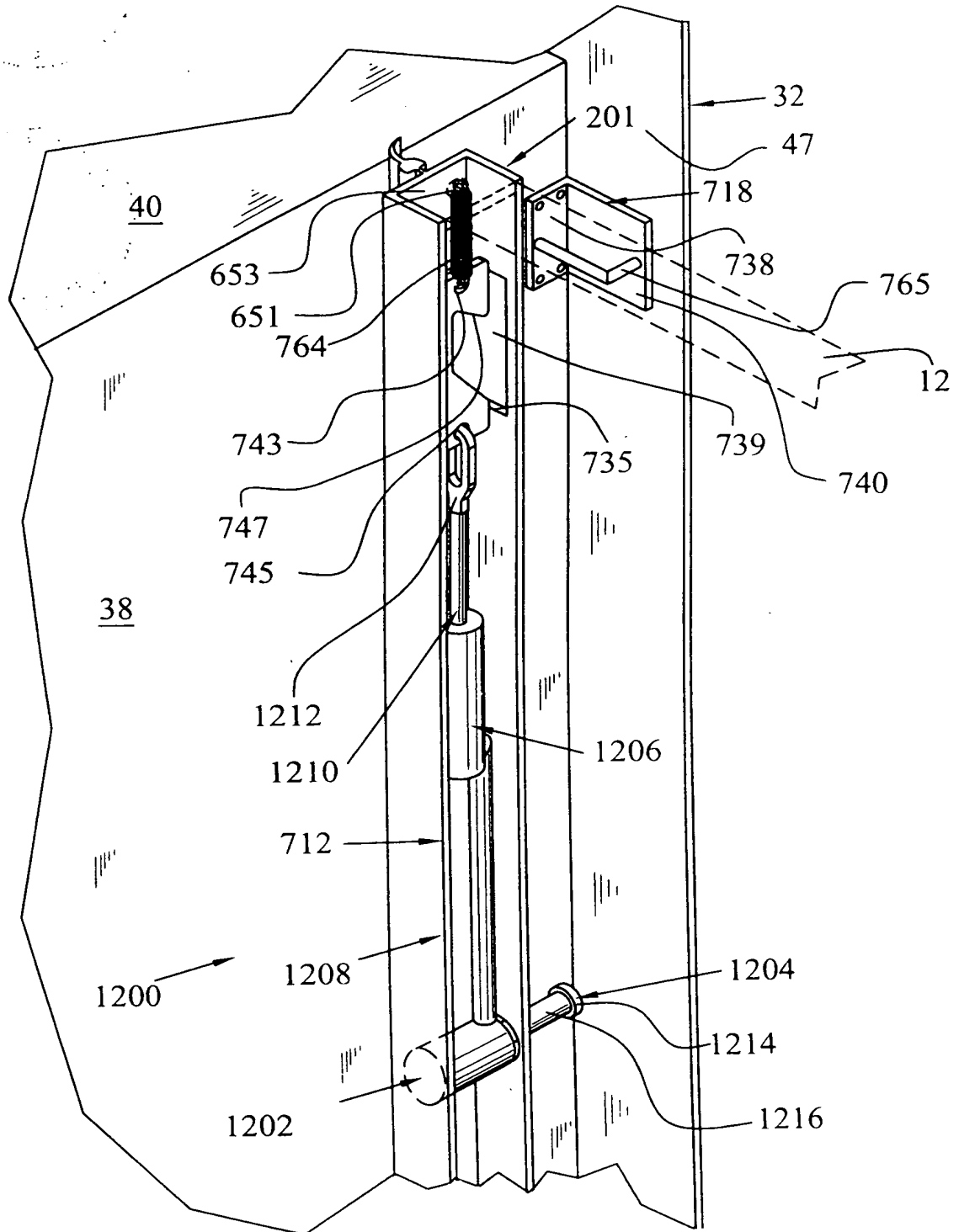


Fig. 27

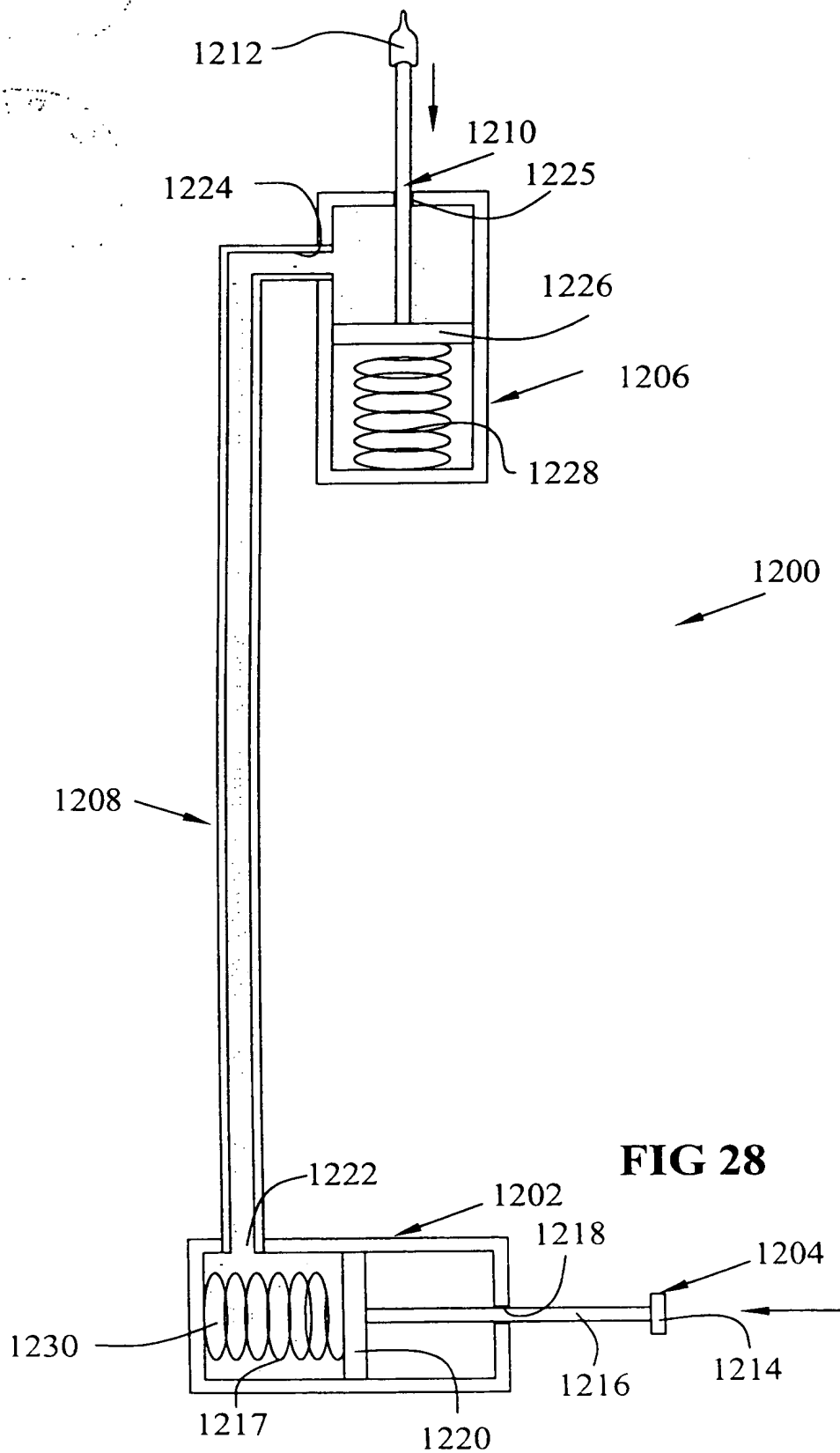


FIG 28

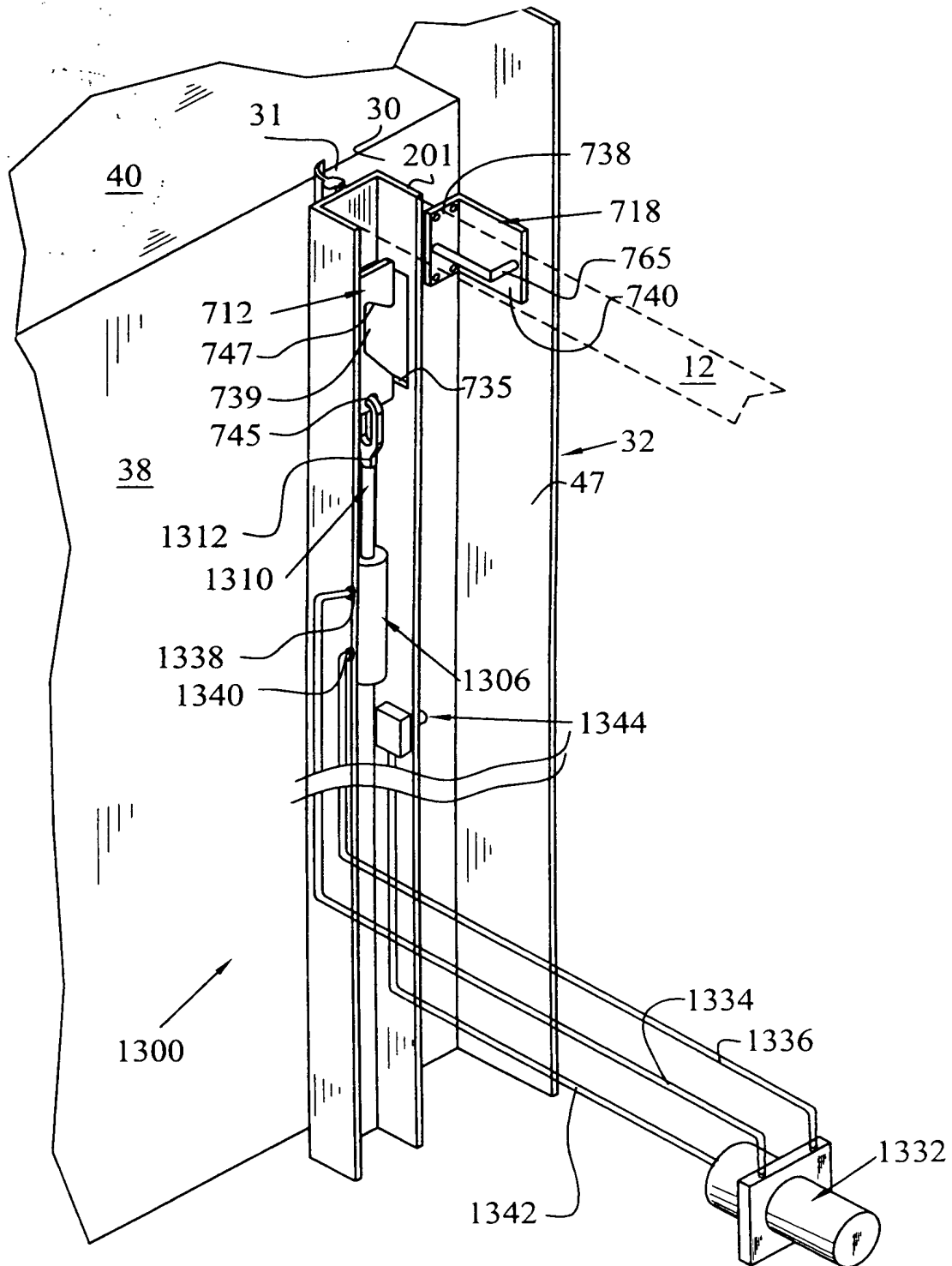


Fig. 29

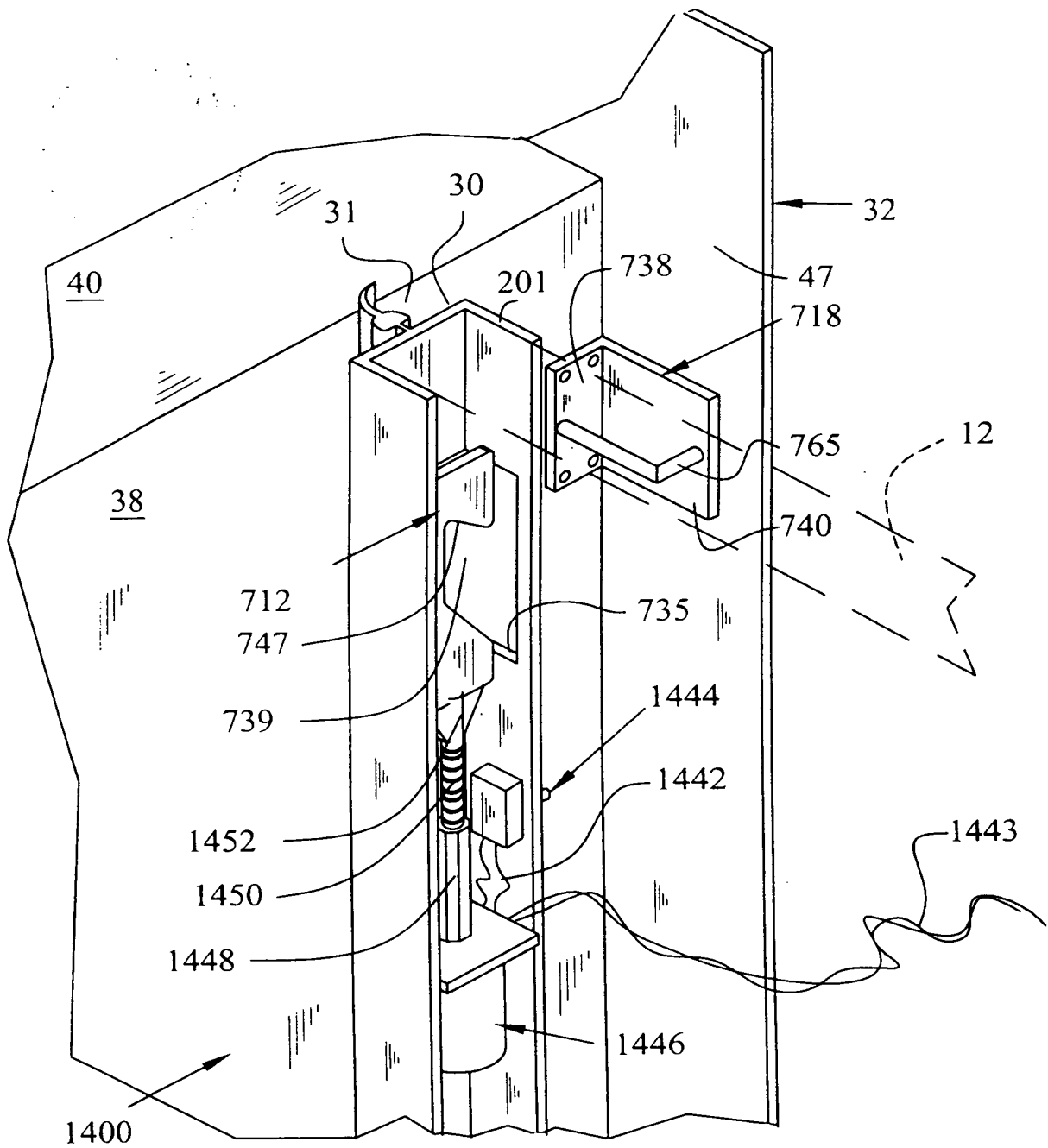
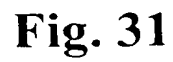
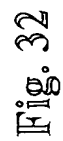


Fig. 30





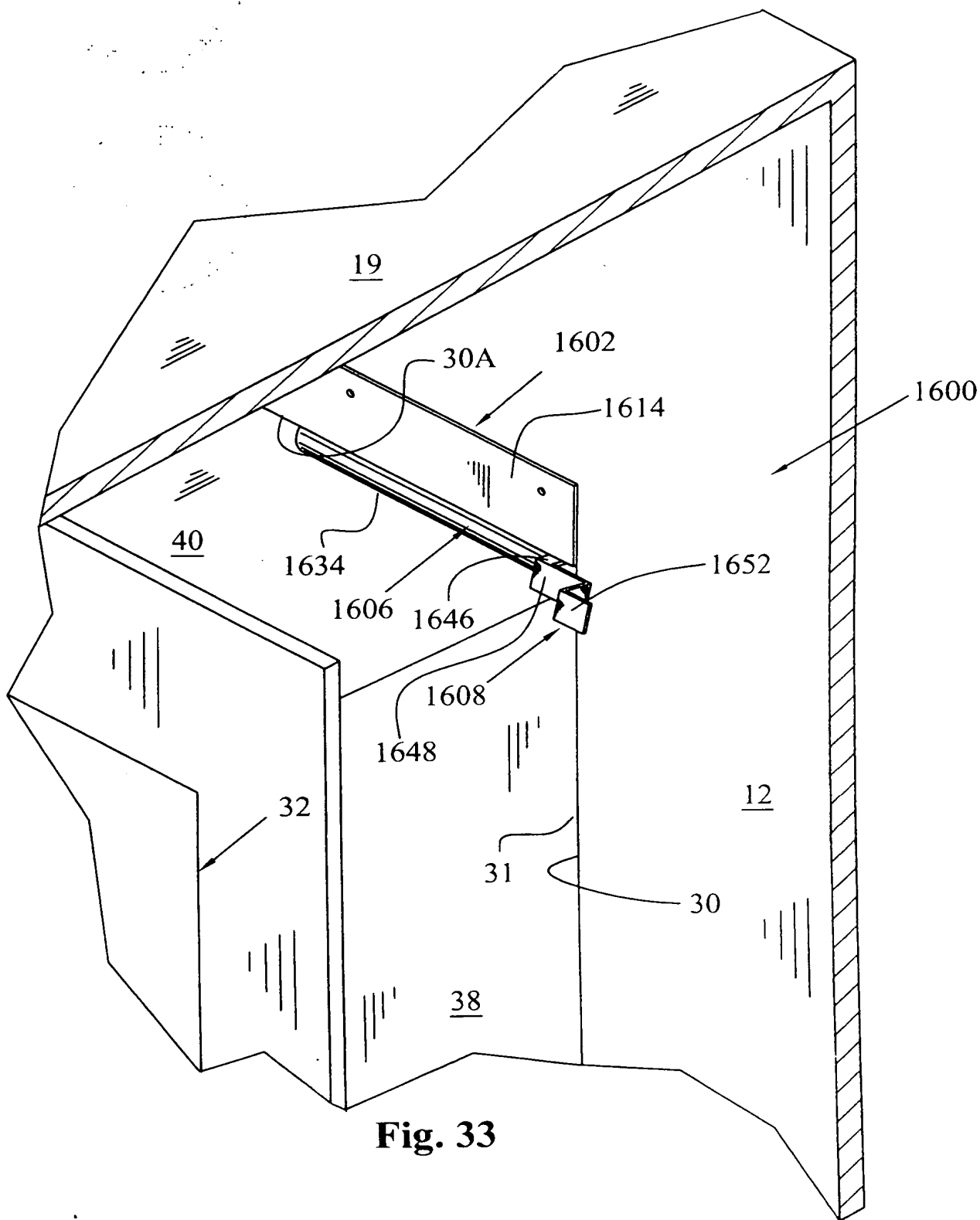


Fig. 33

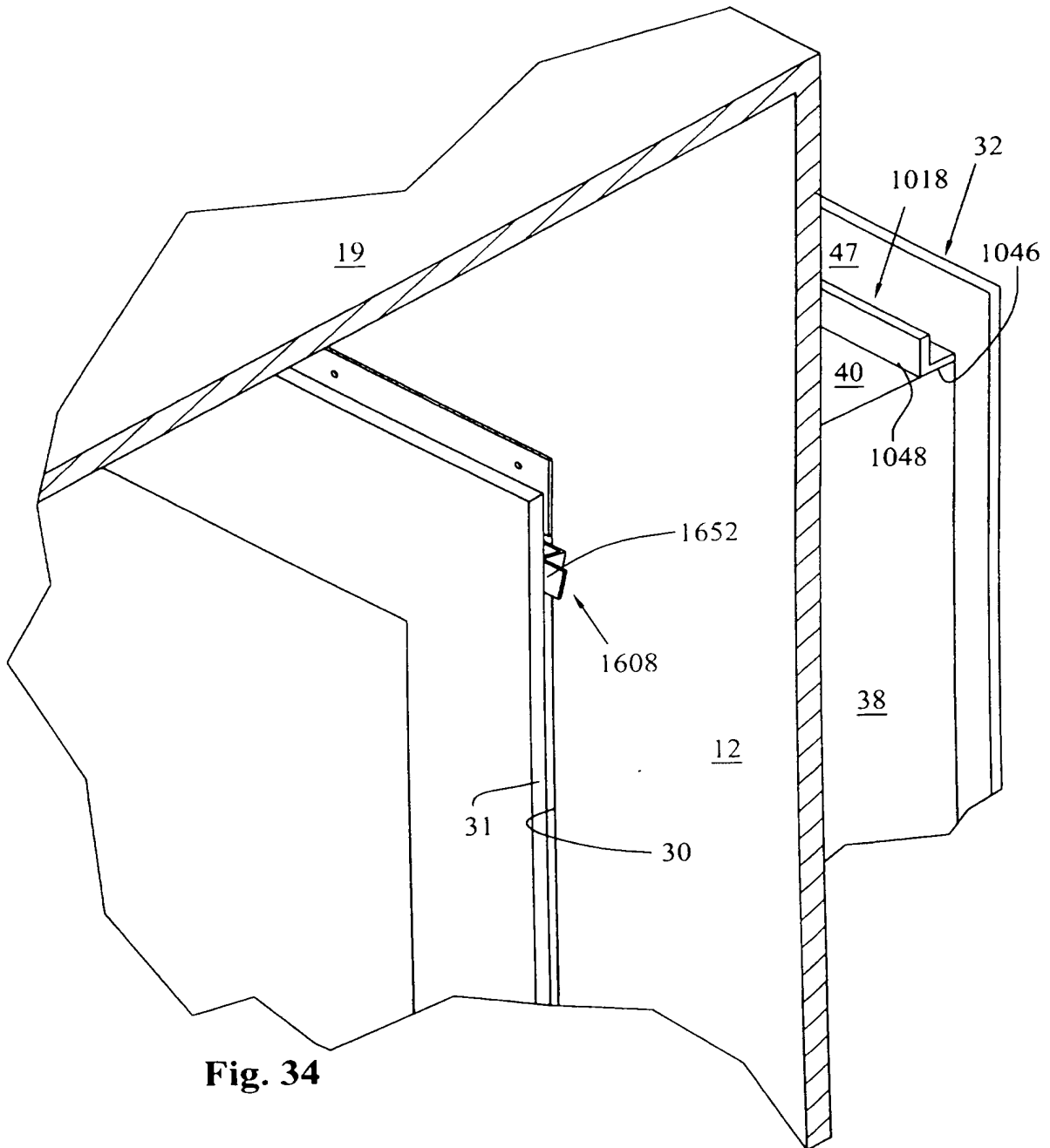


Fig. 34

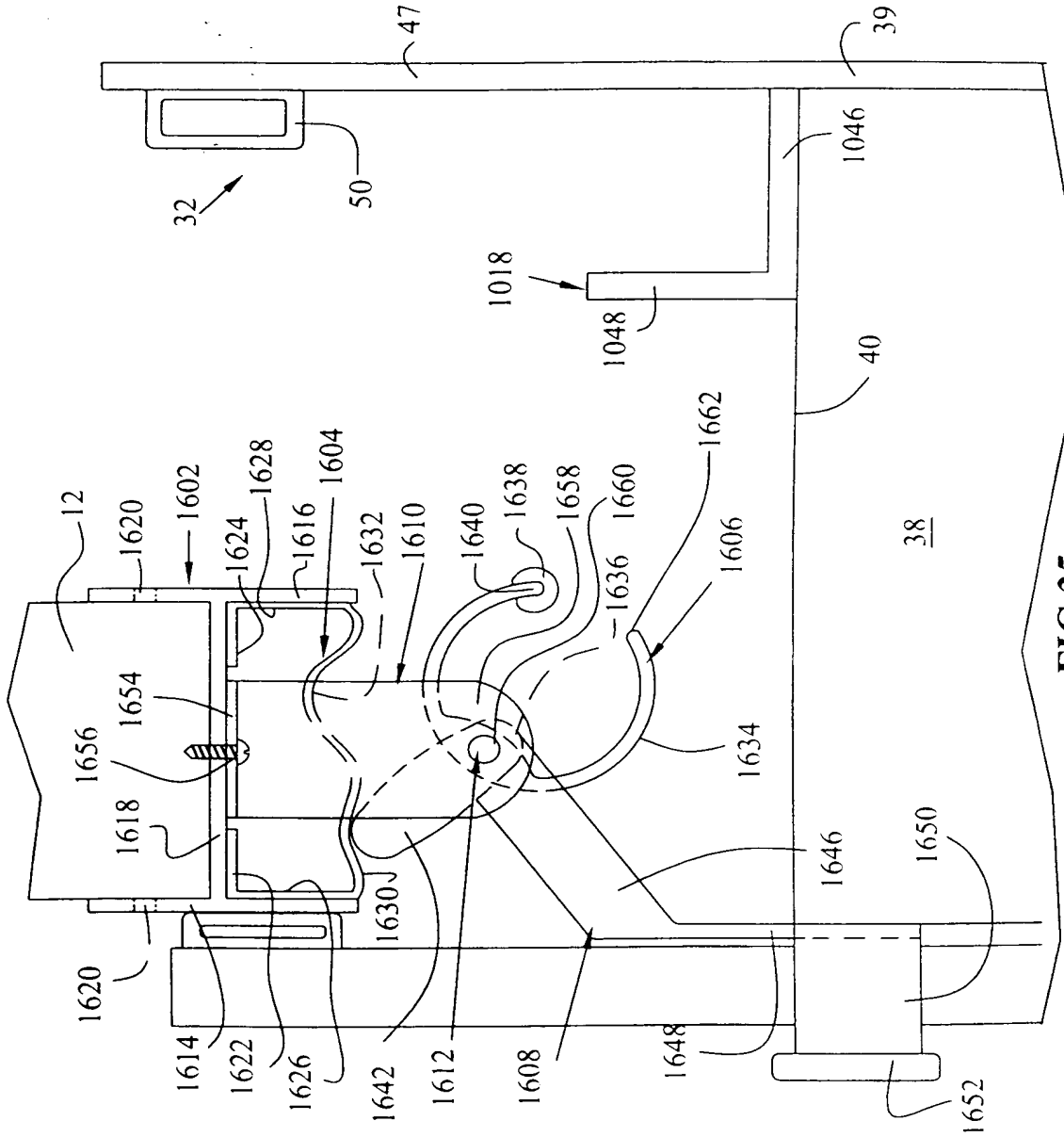


FIG 35



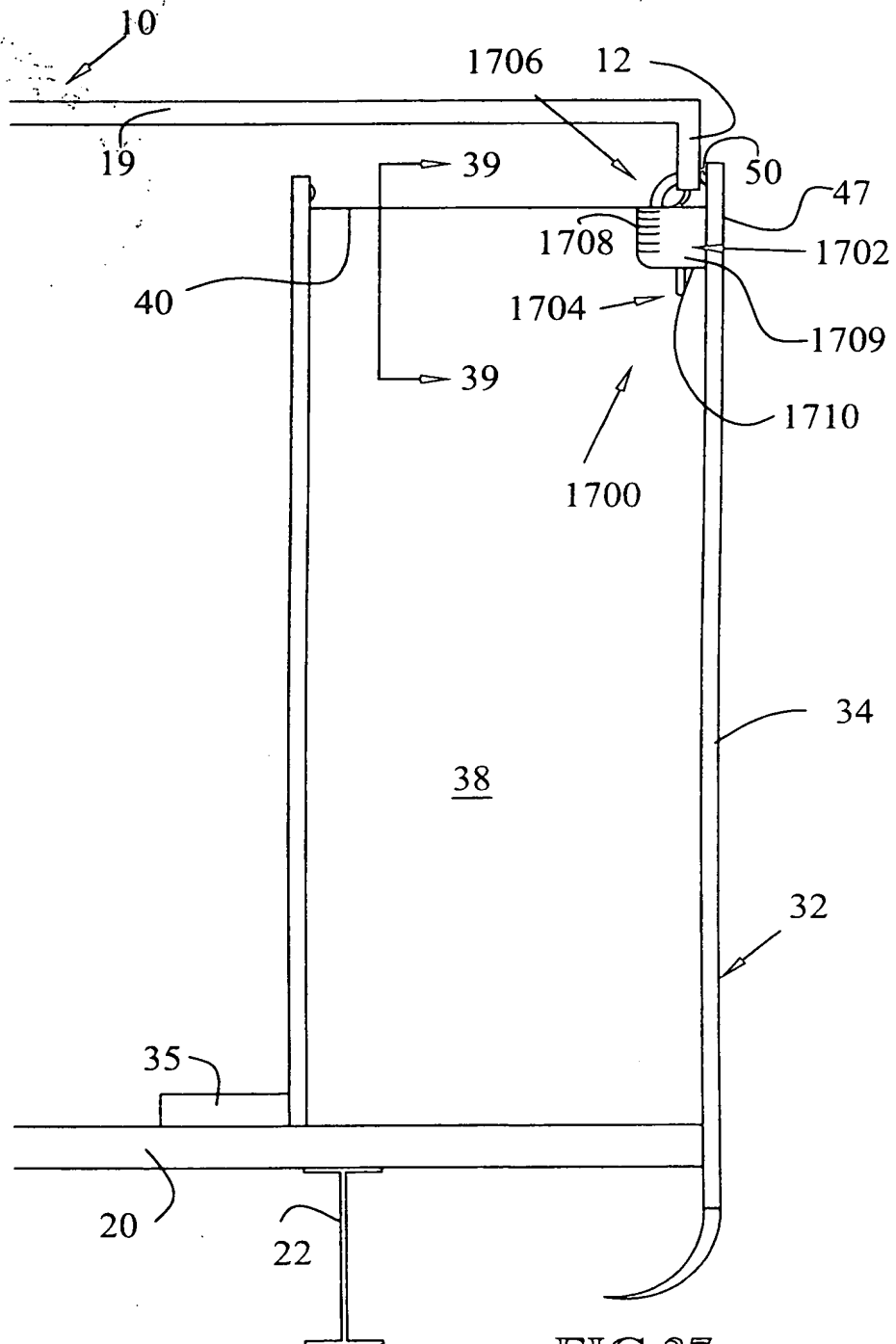


FIG 37

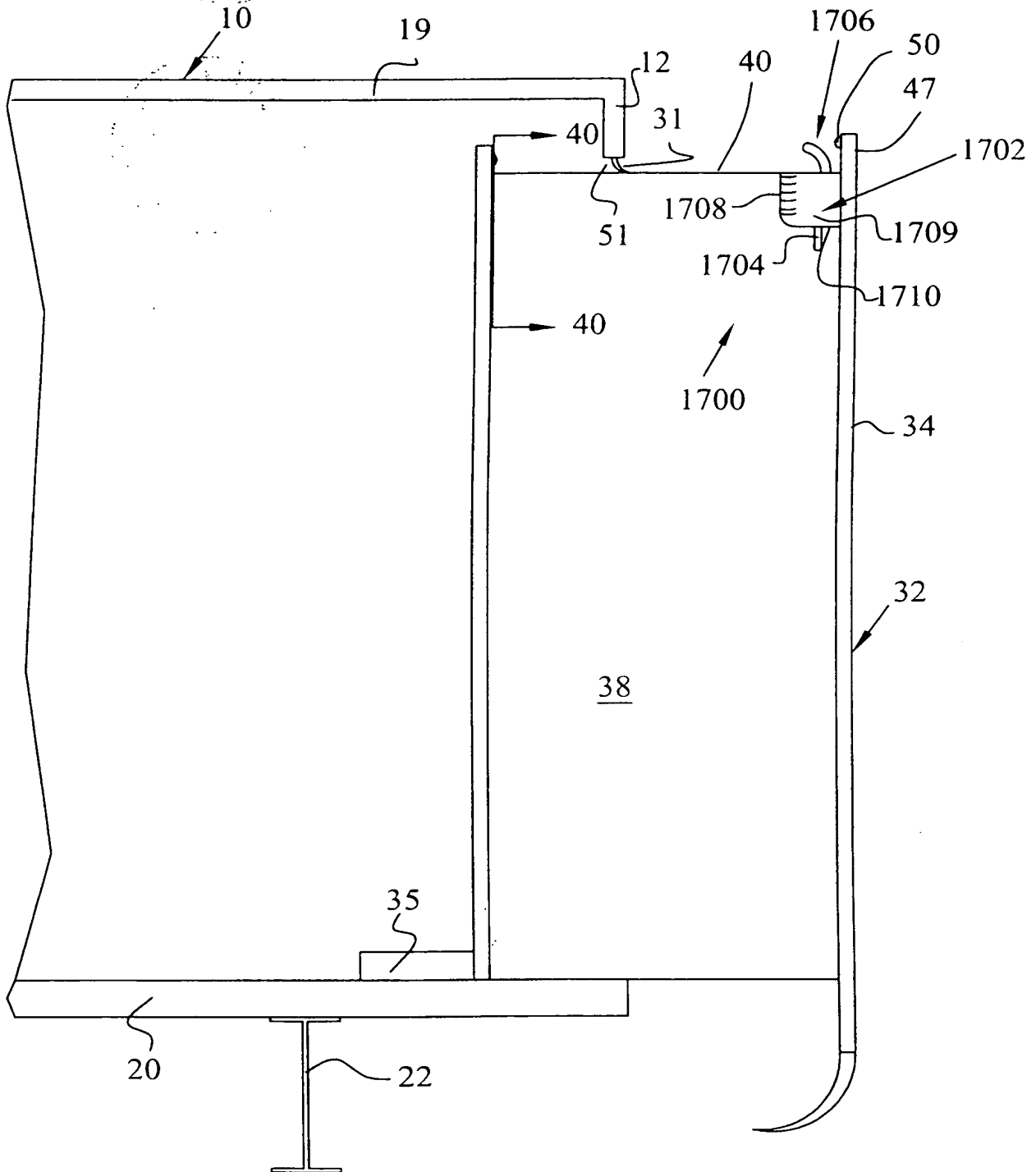
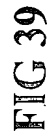
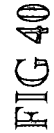


FIG 38





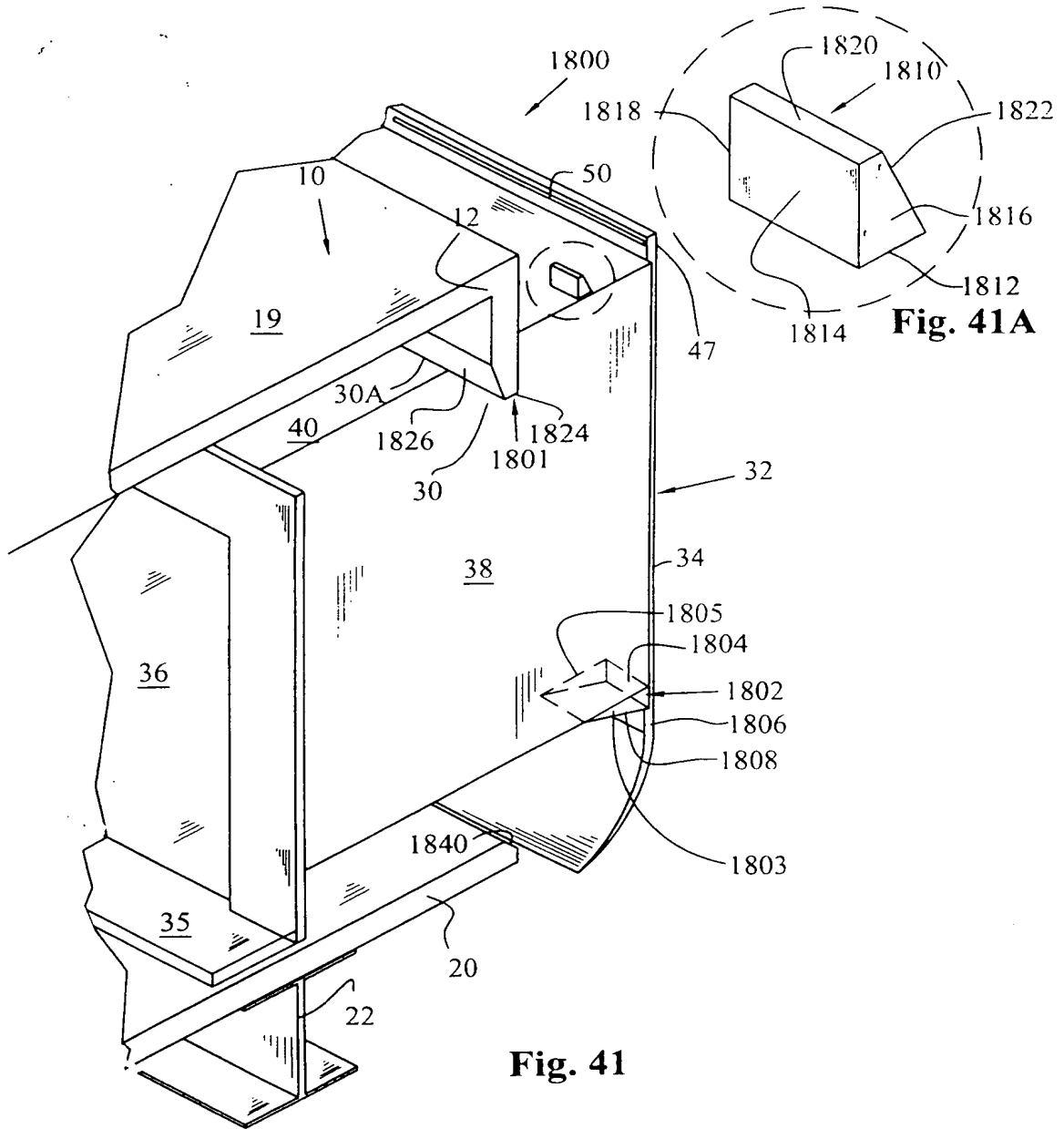


Fig. 41

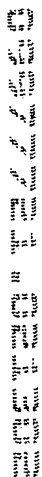


FIG 42

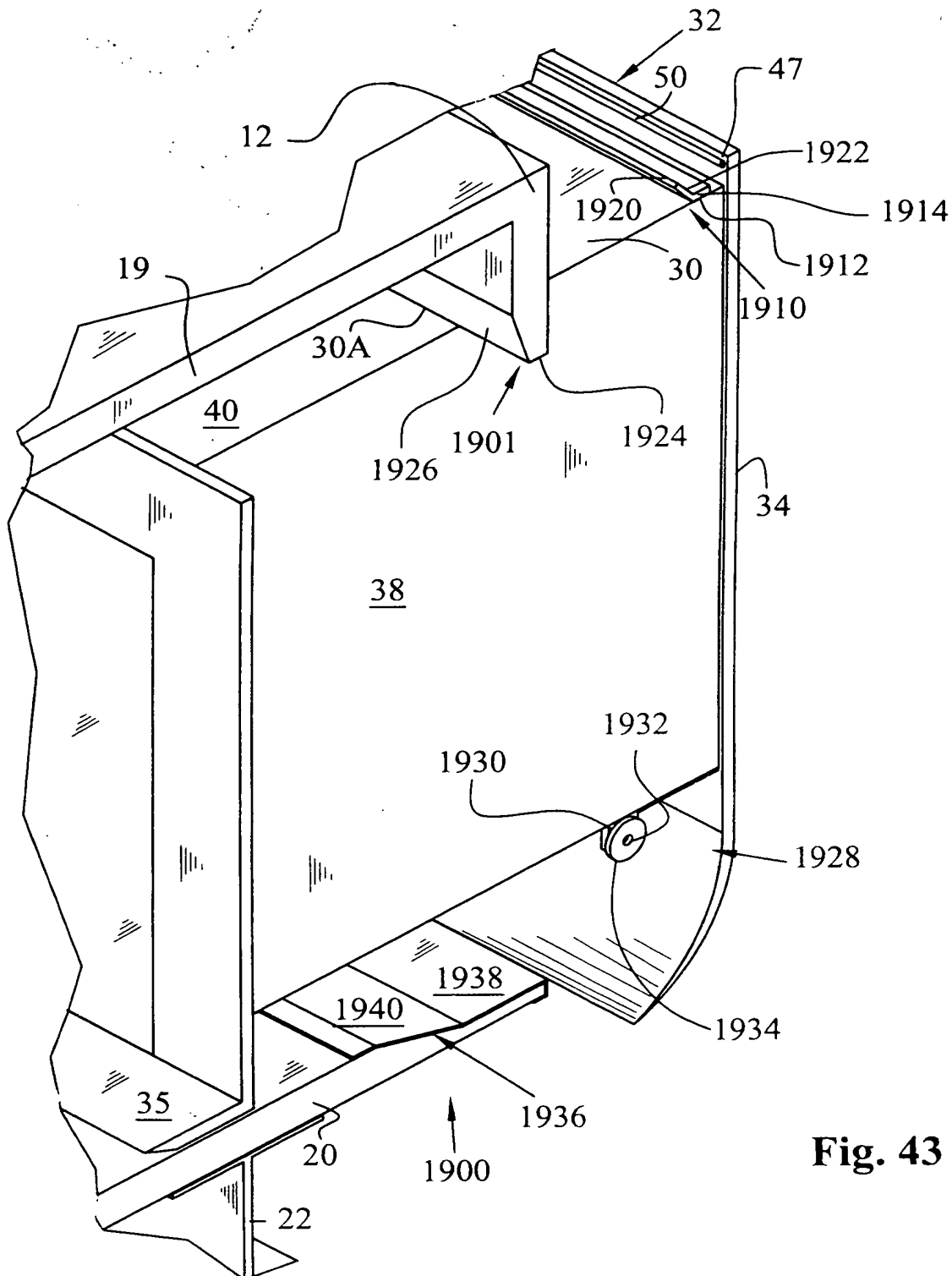
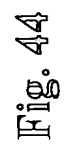


Fig. 43



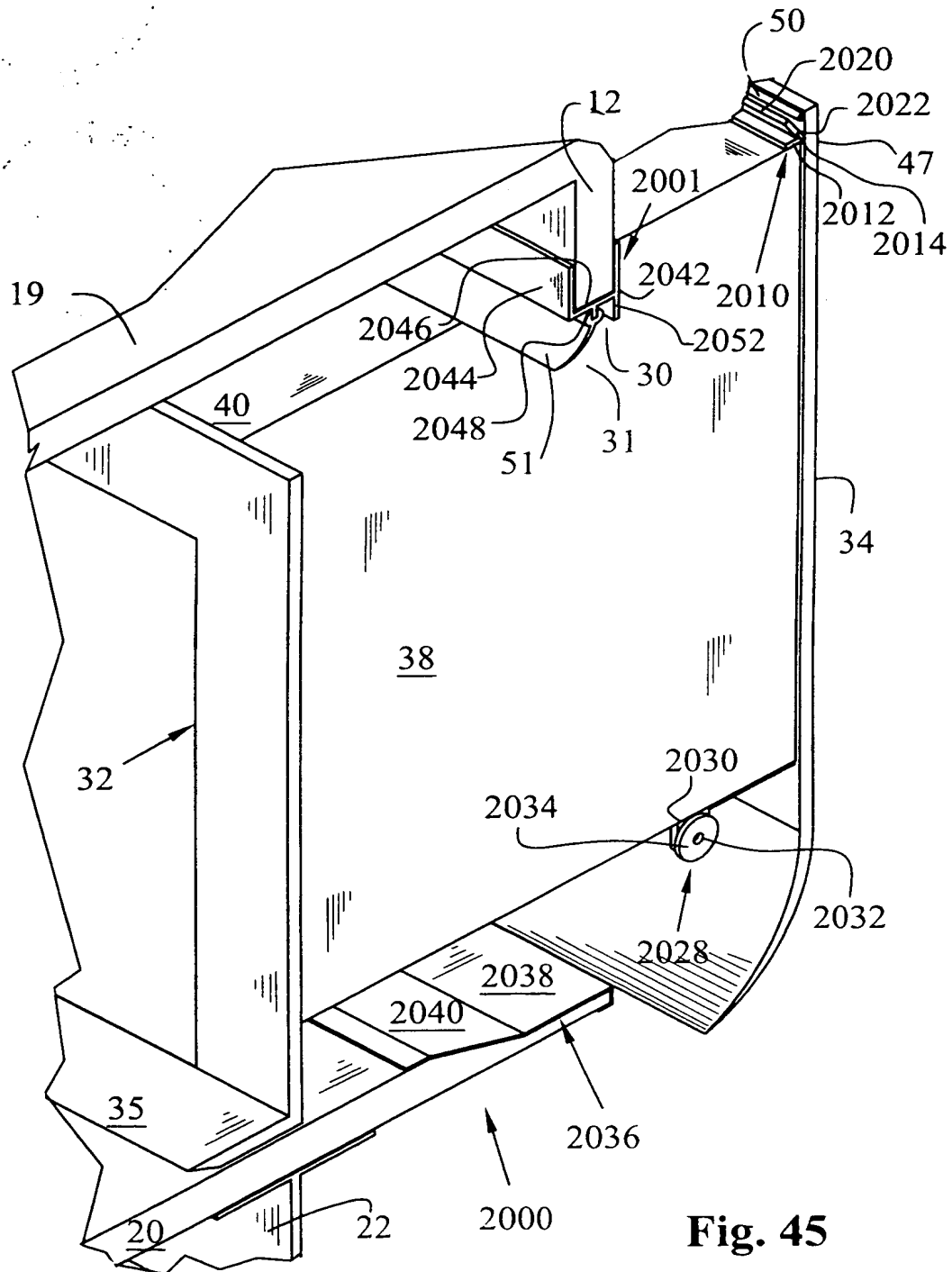


Fig. 45

FIG. 46 is a perspective view of the device 100 in a closed position. The device 100 includes a handle 12, a body 14, a hinge 16, a latch 18, a spring 20, a pin 22, a clip 24, a strap 26, a buckle 28, a strap 30, a buckle 32, a strap 34, a buckle 36, a strap 38, a buckle 40, a strap 42, a buckle 44, a strap 46, a buckle 48, a strap 50, a buckle 52, a strap 54, a buckle 56, a strap 58, a buckle 60, a strap 62, a buckle 64, a strap 66, a buckle 68, a strap 70, a buckle 72, a strap 74, a buckle 76, a strap 78, a buckle 80, a strap 82, a buckle 84, a strap 86, a buckle 88, a strap 90, a buckle 92, a strap 94, a buckle 96, a strap 98, a buckle 100.

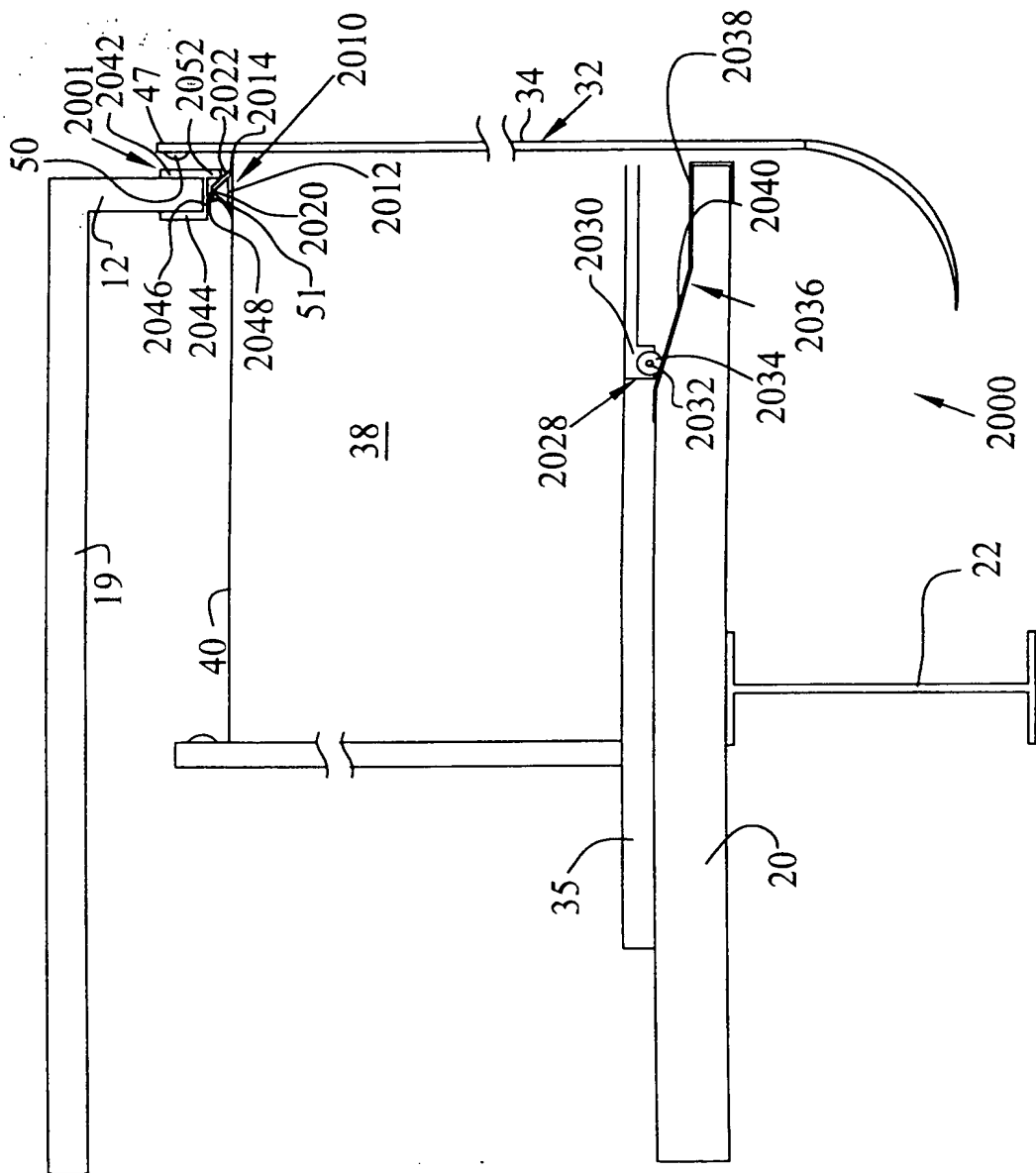
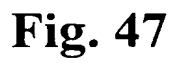
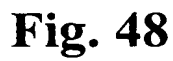
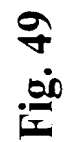


Fig. 46







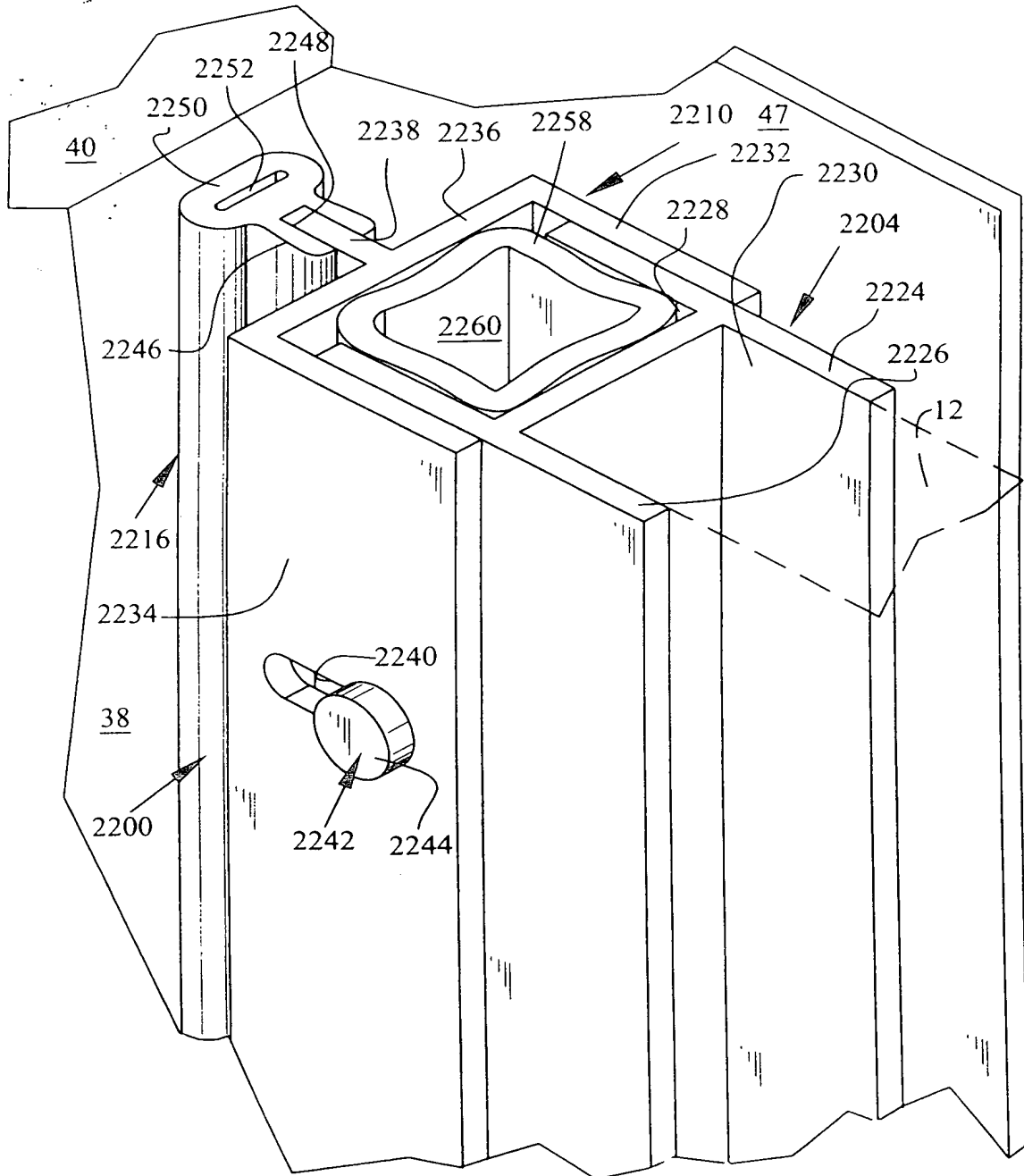


Fig. 50

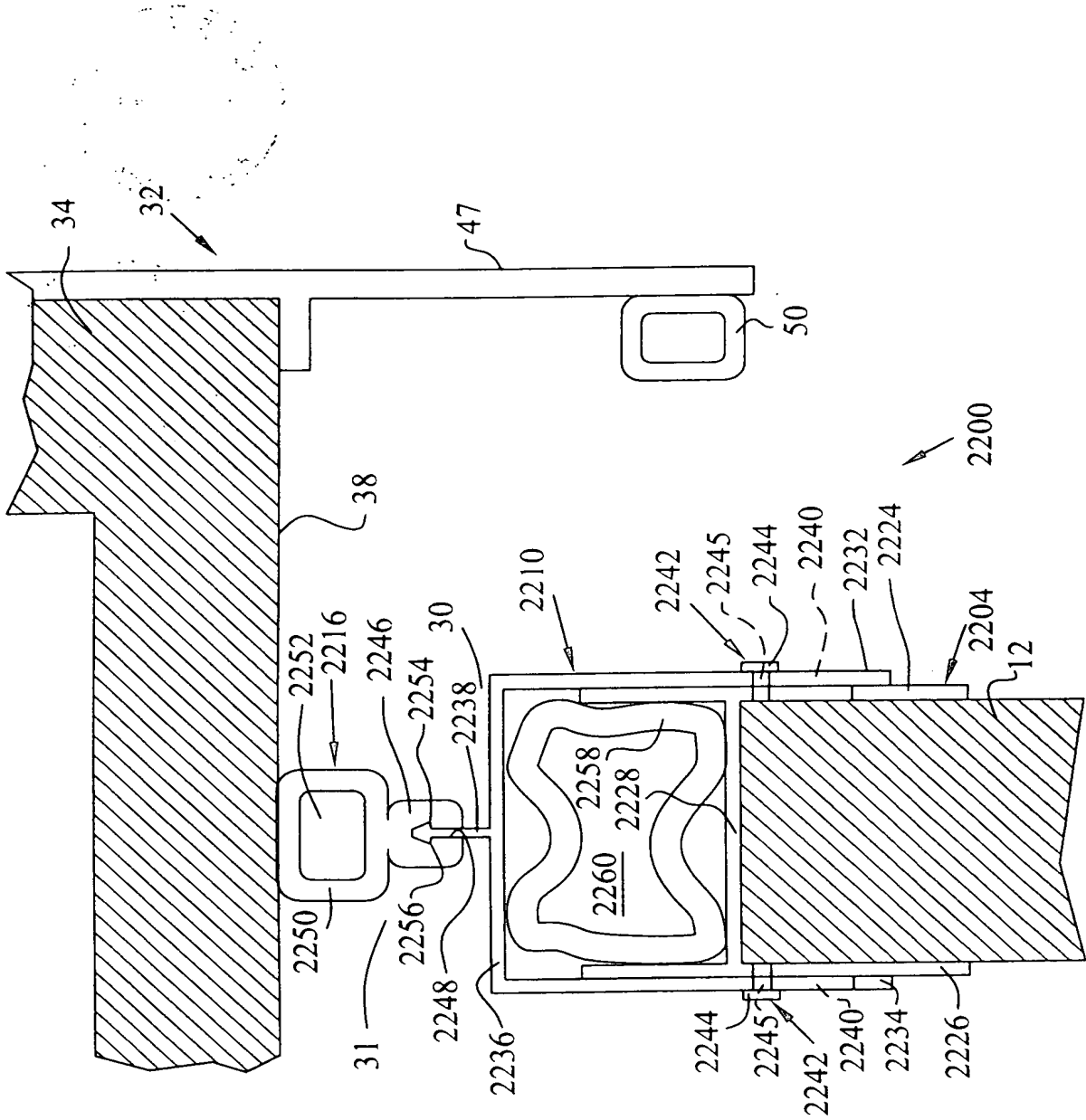


Fig. 51A

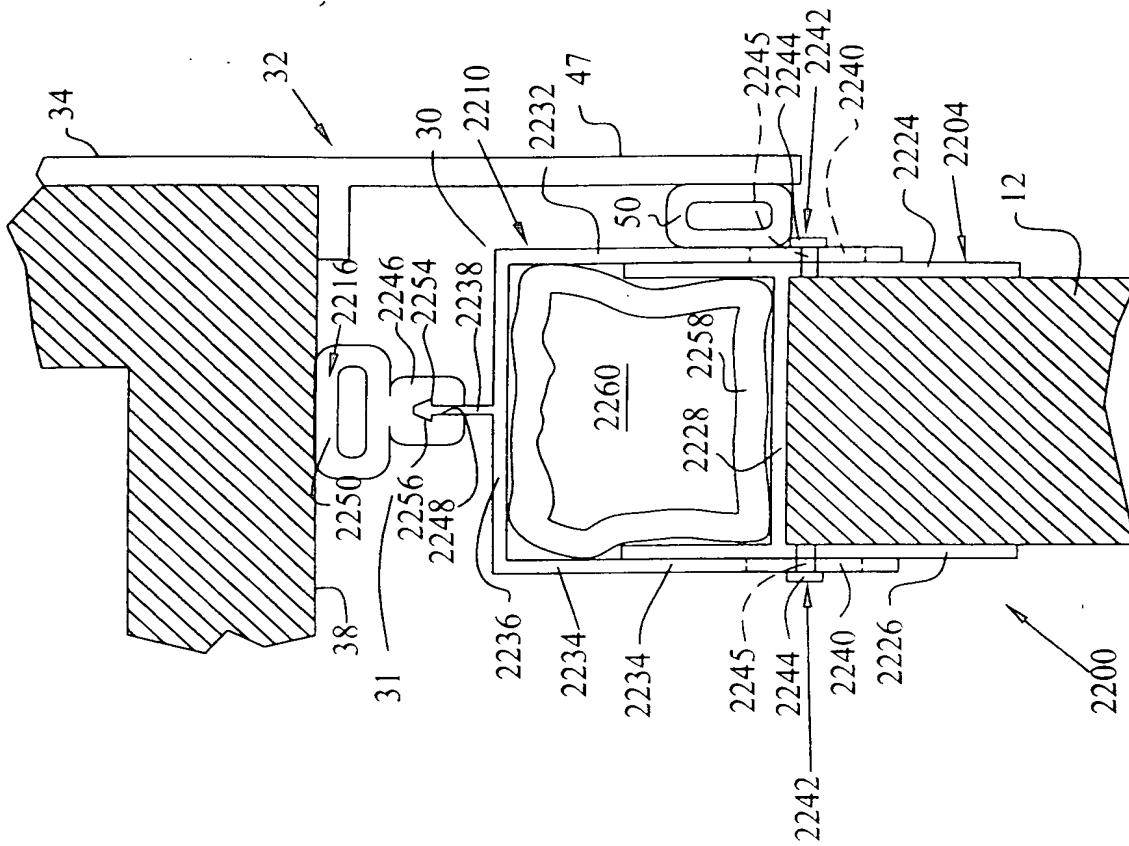


Fig. 51B

FIG. 52 is a cross-sectional view of the device 100 taken along line 52-52 of FIG. 1, showing the device 100 in a closed position. The device 100 includes a housing 12, a door 30, and a latch 32. The door 30 is shown in a closed position, and the latch 32 is shown in a locked position. The device 100 is shown in a cross-sectional view, and the housing 12 is shown in a cross-sectional view. The door 30 is shown in a cross-sectional view, and the latch 32 is shown in a cross-sectional view. The device 100 is shown in a cross-sectional view, and the housing 12 is shown in a cross-sectional view. The door 30 is shown in a cross-sectional view, and the latch 32 is shown in a cross-sectional view.

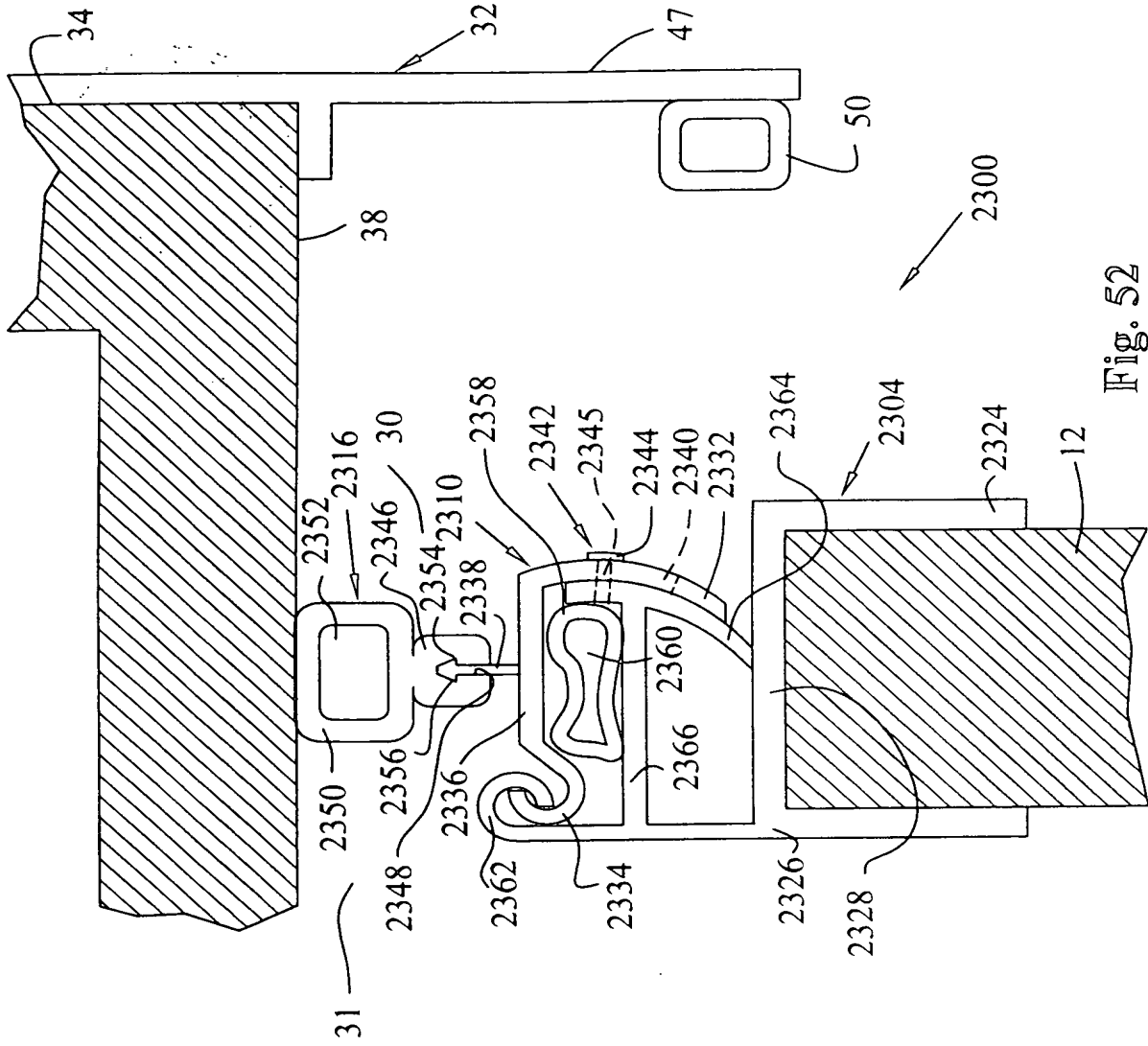


Fig. 52

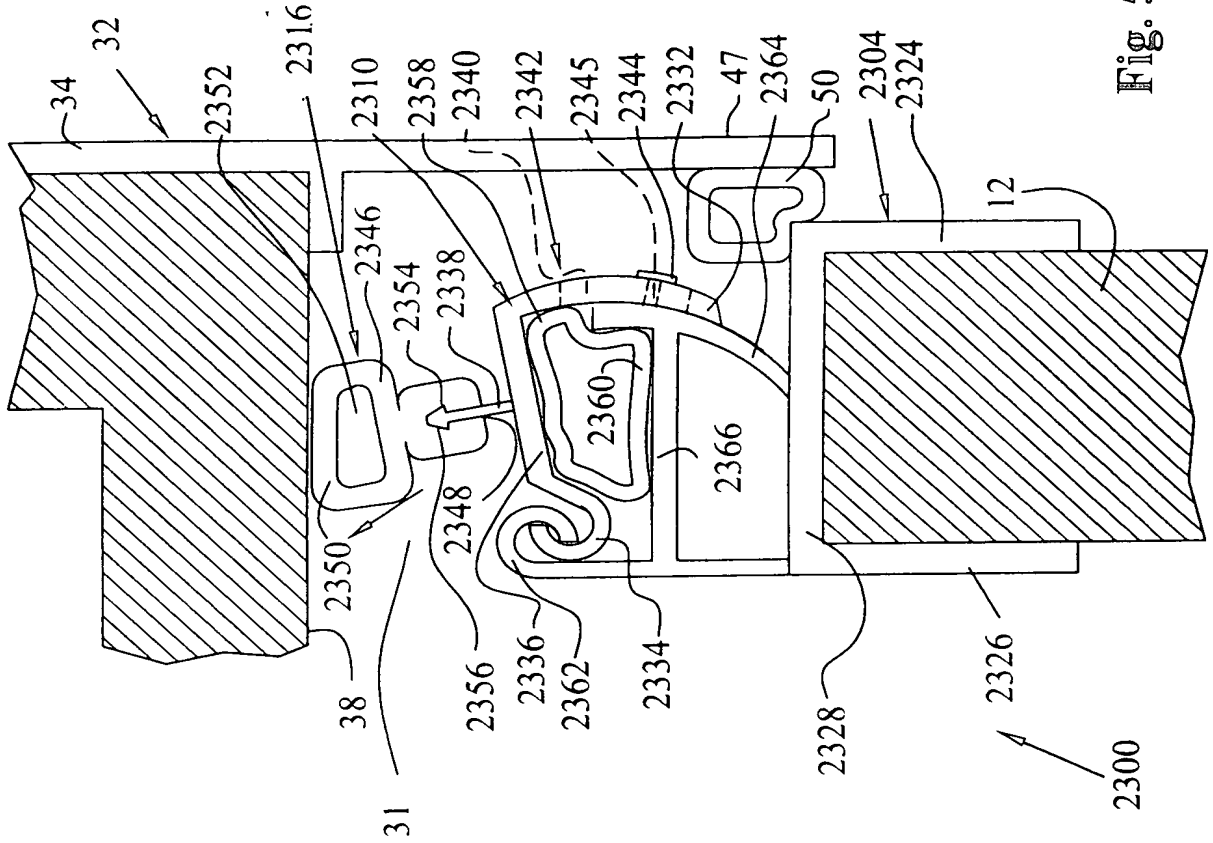


Fig. 53

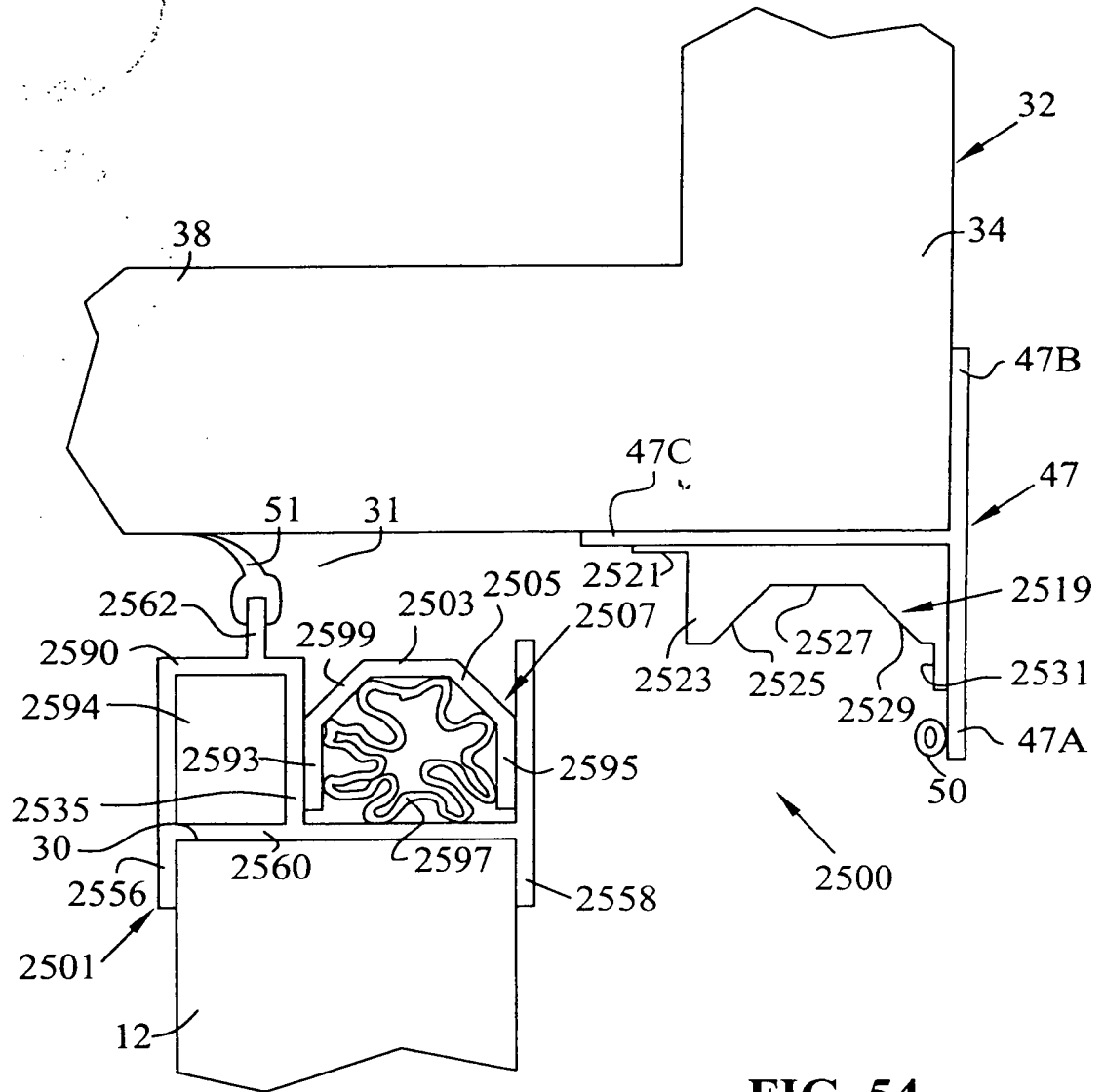


FIG. 54



FIG. 55

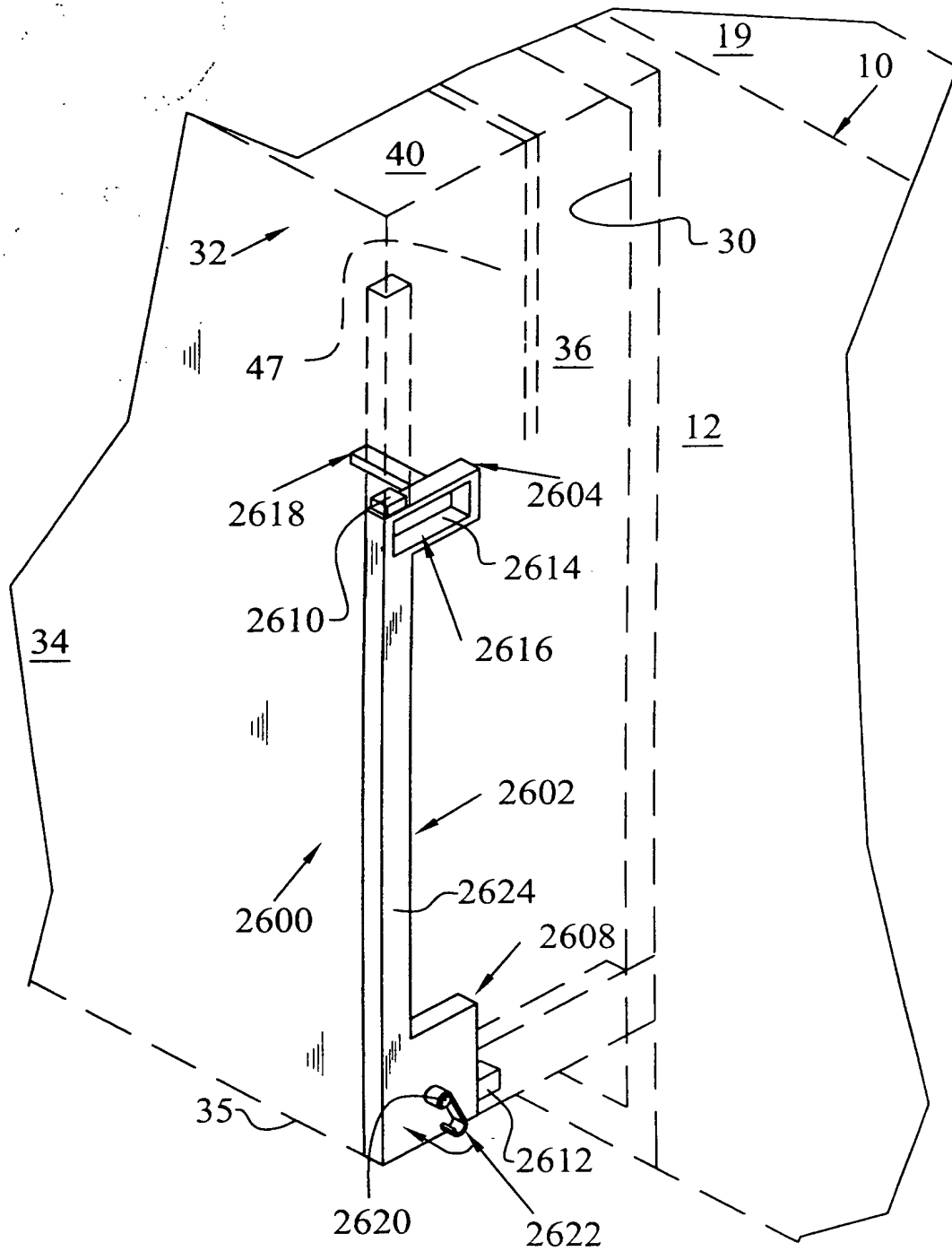


Fig. 56

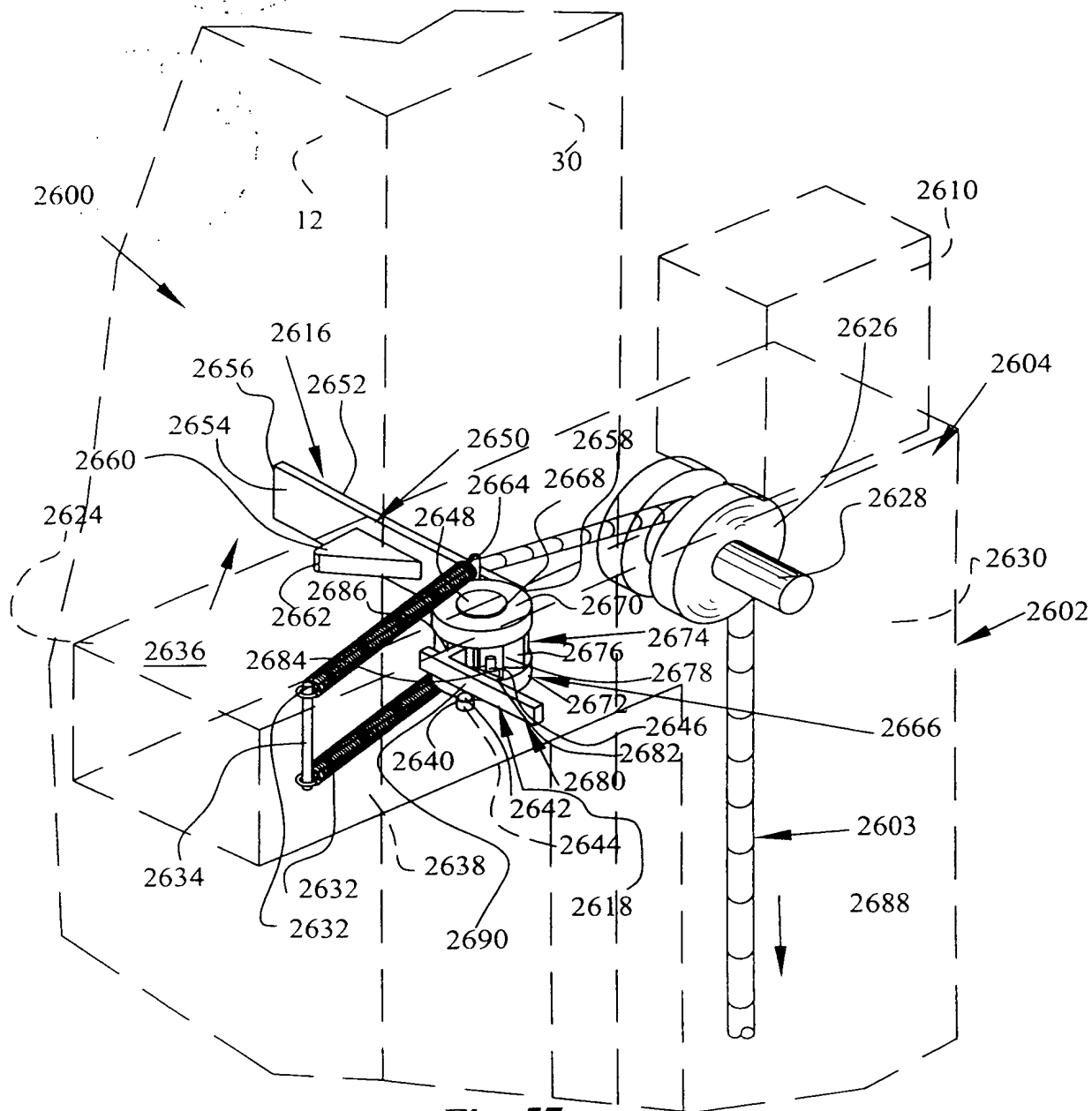


Fig. 57

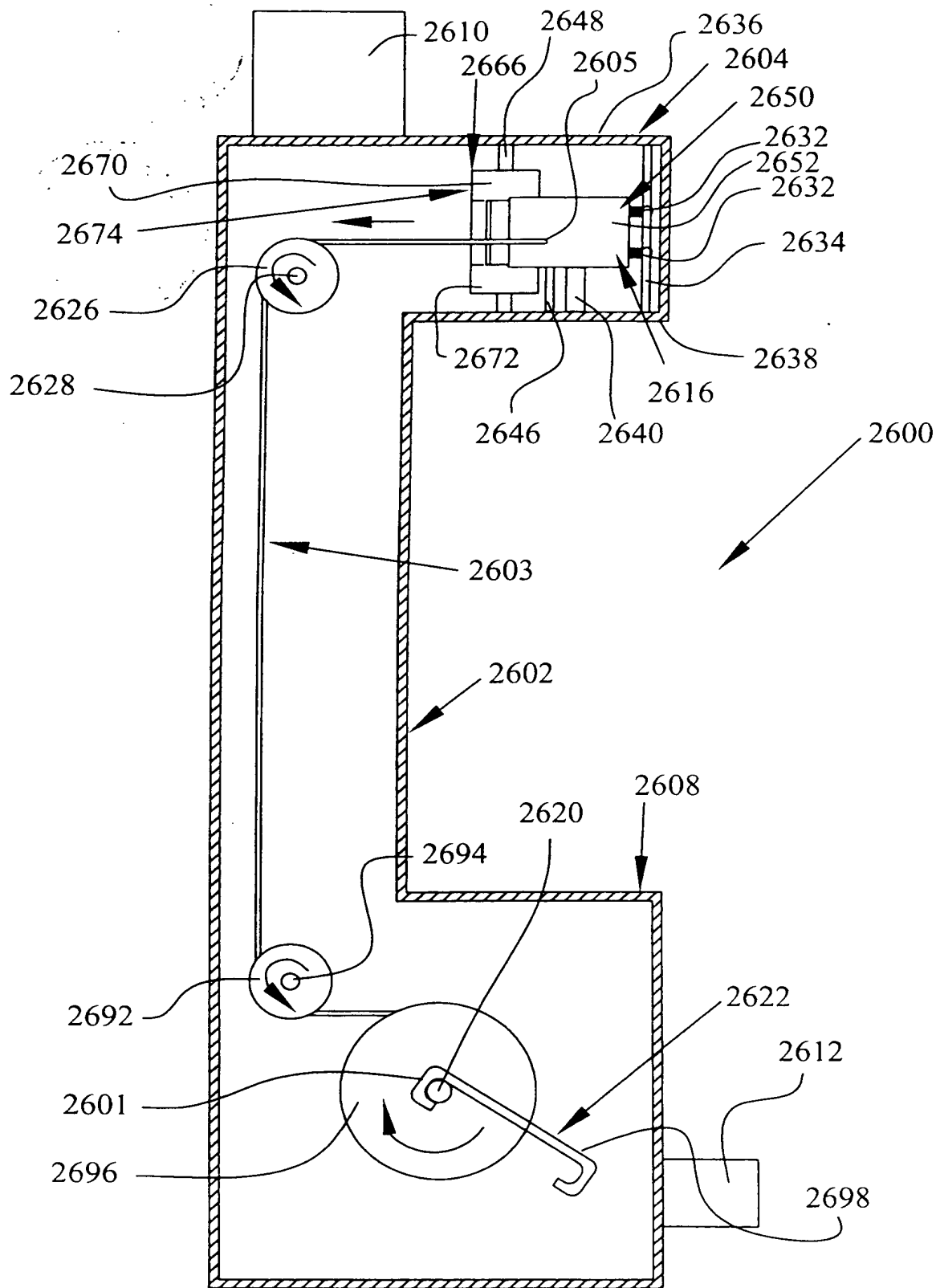


Fig. 58

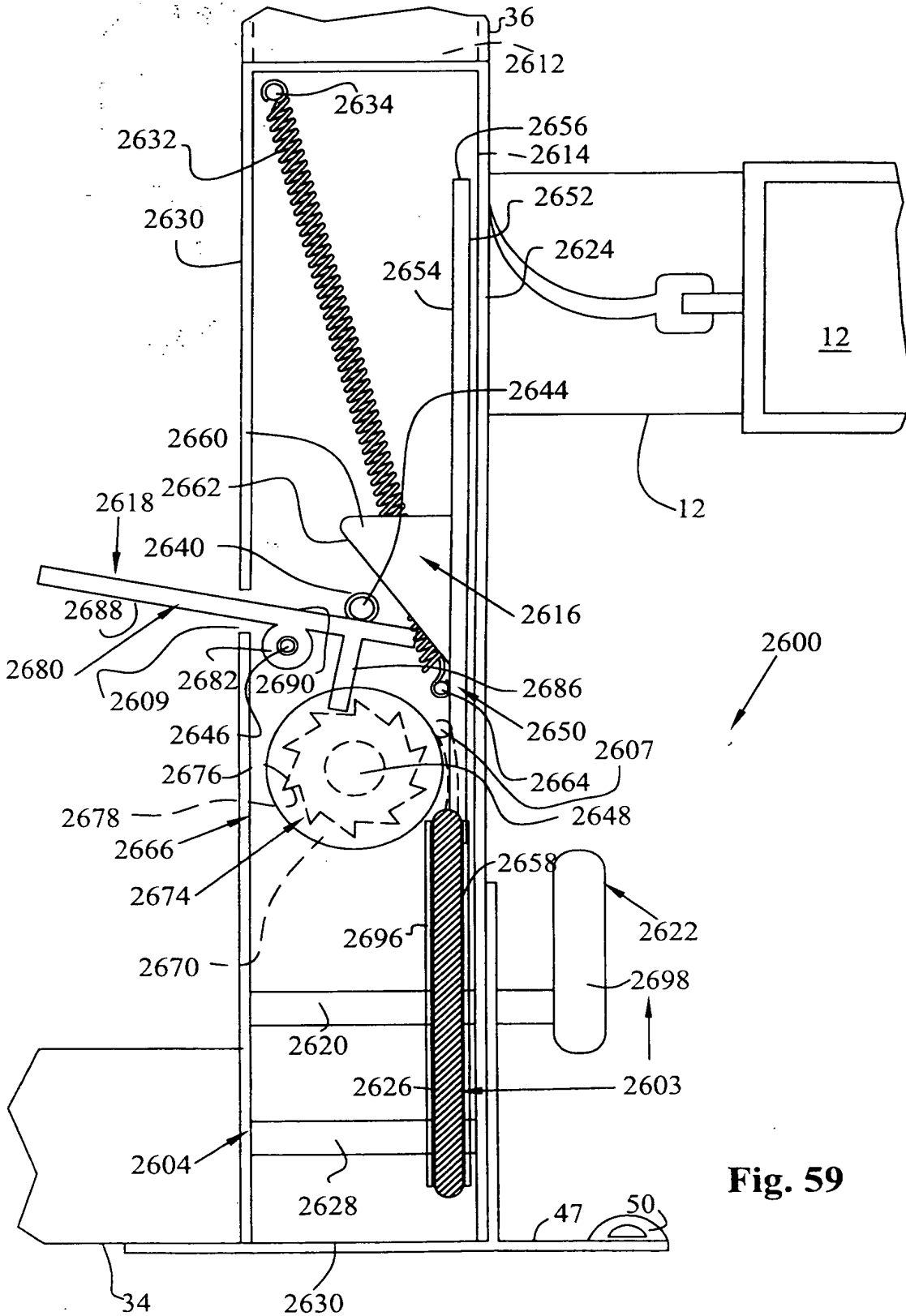


Fig. 59

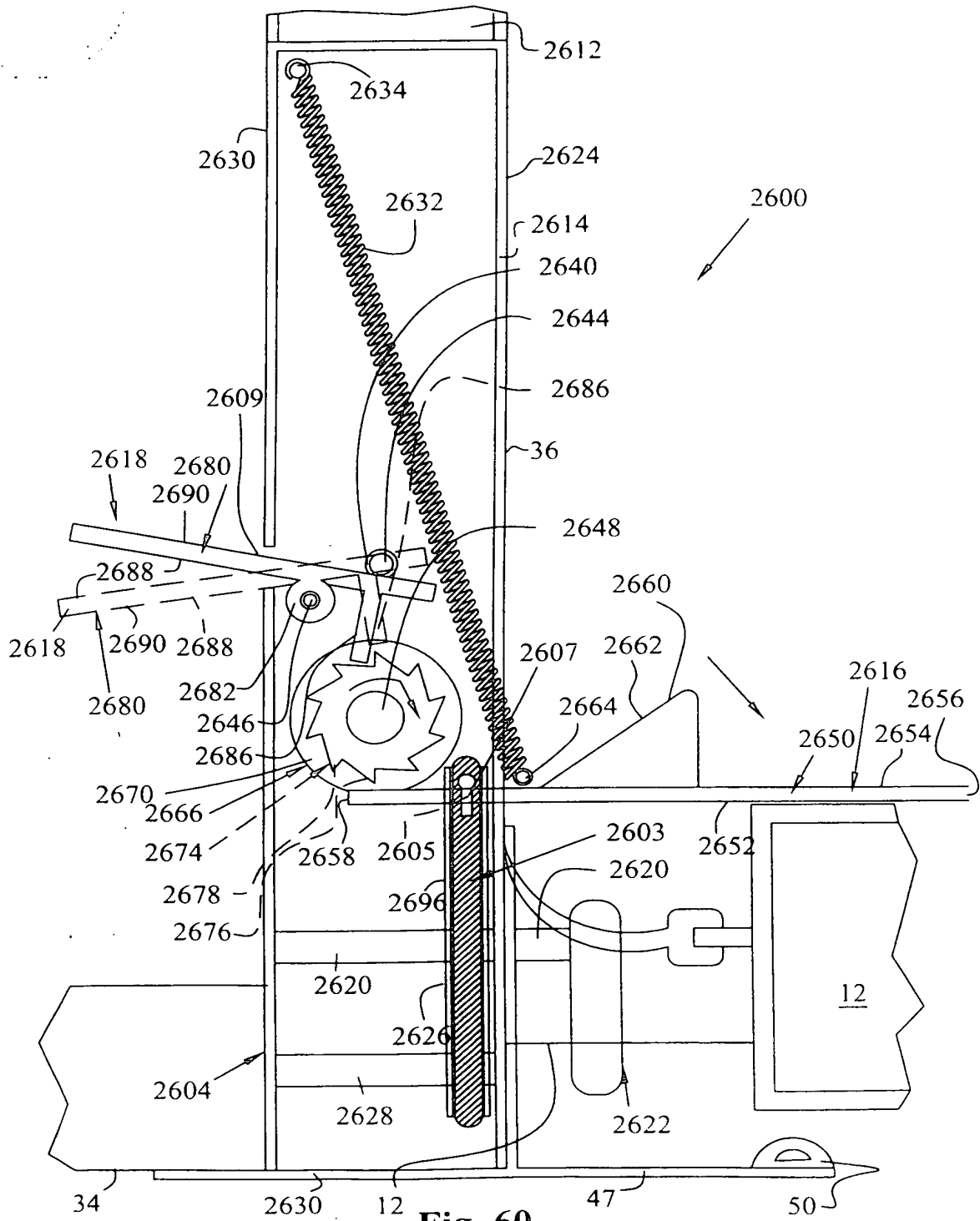


Fig. 60



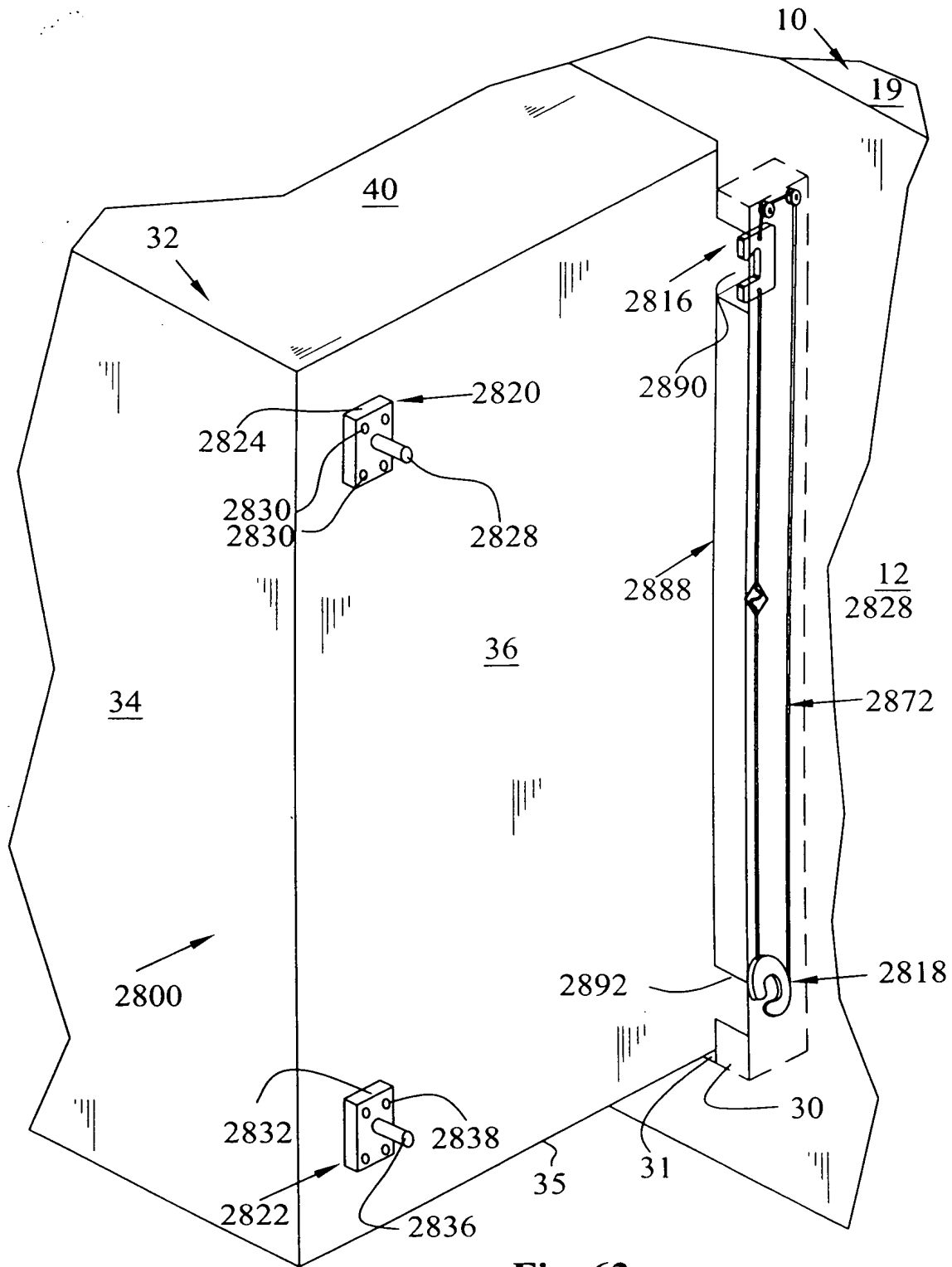


Fig. 62

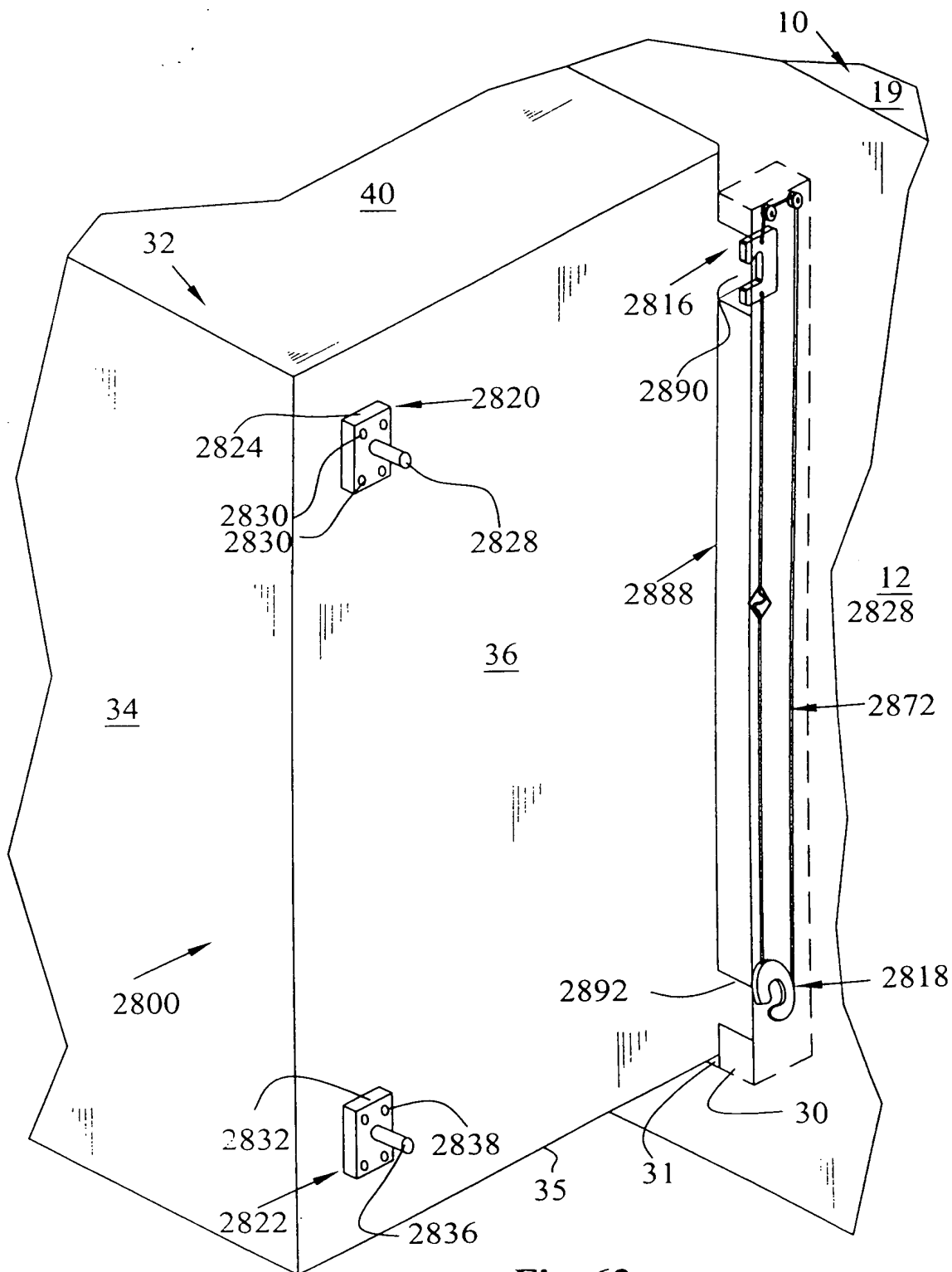


Fig. 63